

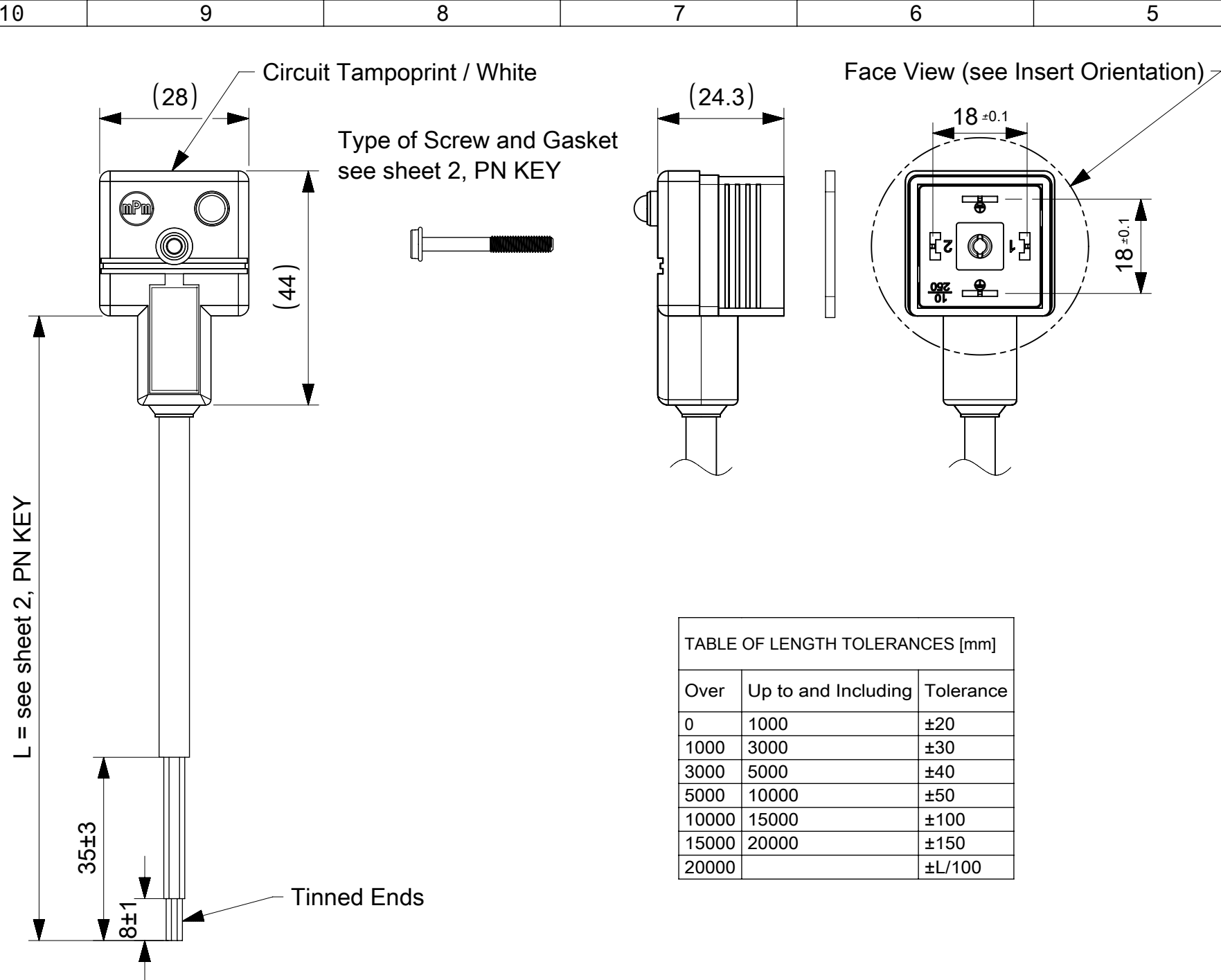


TABLE OF LENGTH TOLERANCES [mm]		
Over	Up to and Including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

INSERT ORIENTATION	
Housing 2 Poles + 2 Earths	Housing 3 Poles + 1 Earth
Earth H6/H12 E452XXXXXX1XXXX	Earth H12 E452XXXXXX2XXXX PIN 3 Not Used
Earth H3/H9 E452XXXXXX4XXXX	Earth H3 E452XXXXXX3XXXX PIN 3 Not Used
Earth H6/H12 E452XXXXXX1XC3X E452XXXXXX1XC7X E452XXXXXX1XR0X E452XXXXXX1XR2X Insert rotated 180°	Earth H6 E452XXXXXX6XXXX PIN 3 Not Used
	Earth H9 E452XXXXXX9XXXX PIN 3 Not Used

Type of Screws and Gaskets

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
 (□ 29.5) (5.2) (1.8)	 (□ 28) (1.8)	 (□ 28) (1.8) (9.3)	 (25) M 3
			Screw M3x27 + Washer
			 (27) M 3 NBR Washer

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	= 0	DIMENSION UNITS	SCALE
	= 0	mm	1:1
	= 0	CURRENT REV DESC:	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	= 0	ANGULAR TOL	± °
	= 0	4 PLACES	±
	= 0	3 PLACES	±
	= 0	2 PLACES	±
	= 0	1 PLACE	±
	= 0	0 PLACES	±
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	= 0	THIRD ANGLE PROJECTION	
		DRAWING	SERIES
		A3-SIZE	121050
		MATERIAL NUMBER	CUSTOMER
		SEE 1210502000_PDP	GENERAL MARKET
		DOCUMENT NUMBER	DOC TYPE
		1210502000	PSD
		DOC PART	REVISION
		000	A
		SHEET NUMBER	
		1 OF 3	

PN KEY ENGINEERING PN

E

4

5

2

X

X

X

X

X

X

X

X

X

X

X

E - Packing without bag
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in[cm]
050 = 50cm
300 = 300cm
10K = 1000cm

Wiring Configuration:
See sheet 3

Voltage and Led Colour

Red Led:	Green Led:	Yellow Led:
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A2	3	AWG 20	5.6mm±0.2	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
A3	3	AWG 18	6.5mm±0.25	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B2	3	AWG 20	5.6mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
B3	3	AWG 18	6.5mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
F4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-15°C to +70°C, 10xO.D.	-5°C to +60°C, 15xO.D.	-
I0	3	1mm²	7.6mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	YES
I2	3	0.5mm²	5.5mm+0.3	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I3	3	0.75mm²	6.0mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	3	0.5mm²	5.6mm±0.7	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N3	3	0.75mm²	6.8mm±0.8	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N4	3	1mm²	7.15mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P1	3	0.34mm²	5.3mm±0.2	PUR BLACK	-	-	-25°C to +80°C, 10xO.D.	-5°C to +80°C, 15xO.D.	-
P2	3	0.5mm²	5.5mm+0.3	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	3	0.75mm²	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
R4	3	1mm²	7.1mm±0.2	TPR HF BLACK	-	-	-	-	-
Y3	3	0.75mm²	6.5mm±0.2	SILICONE RED	-	-	-60°C to +180°C, 15xO.D.	-	-

Notes:

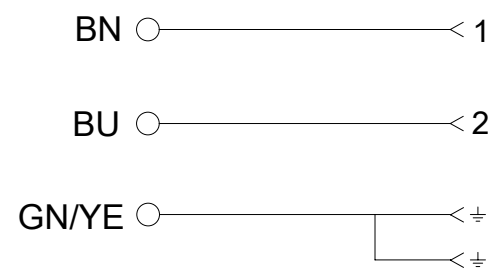
1. Please see excel sheet 1210502000_PDP for currently configured part numbers.
2. Drawing is a replacement for: SD-121050-001

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/31	12:24:53
-----------------	----	--------------	------------	----------

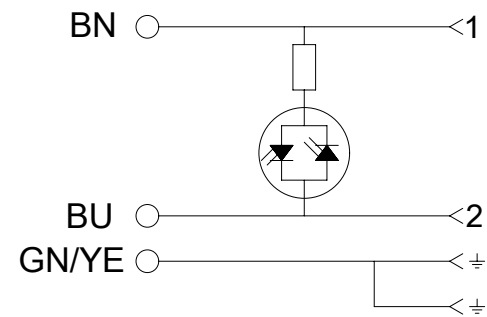
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex								
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL		± °		EC NO: 603741 DRWN: APAWLAK01 2018/07/13 CHK'D: RSILLER 2018/08/31 APPR: RSILLER 2018/08/31				STANDARD E452 DIN FORM A EN 175301-803								
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		±														
	1 PLACE		±		INITIAL REVISION: DRWN: APAWLAK01 2018/07/13 APPR: RSILLER 2018/08/31				PRODUCT CUSTOMER DRAWING								
	0 PLACES		±														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																
				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		121050		1210502000		PSD		000		A	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE 1210502000_PDP		GENERAL MARKET				2 OF 3	

WIRING DIAGRAMS

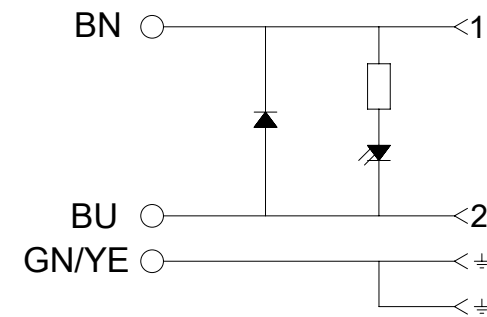
ELECTRICAL DIAGRAM 00



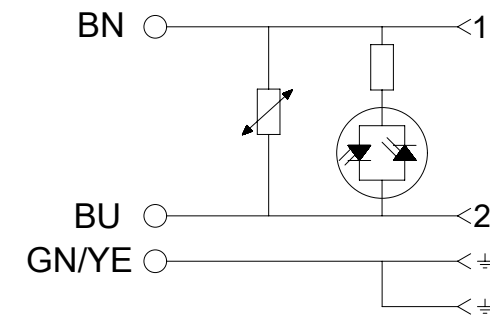
ELECTRICAL DIAGRAM A1



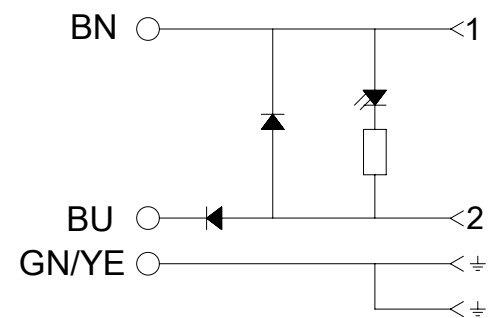
ELECTRICAL DIAGRAM C3



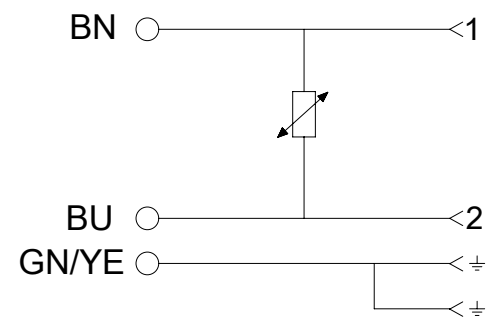
ELECTRICAL DIAGRAM C4



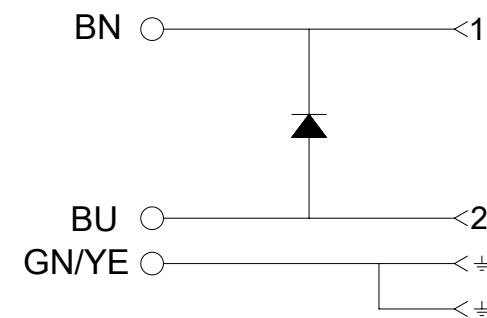
ELECTRICAL DIAGRAM C7



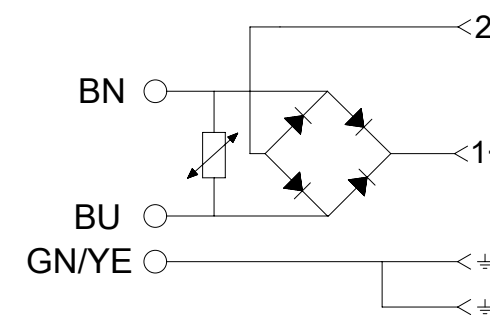
ELECTRICAL DIAGRAM D0



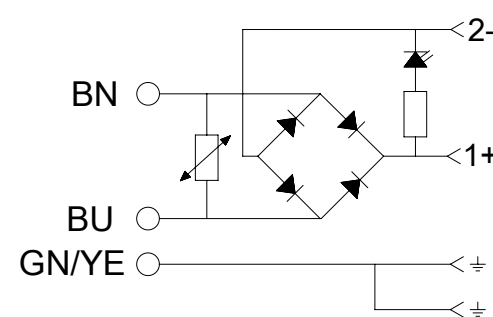
ELECTRICAL DIAGRAM E0



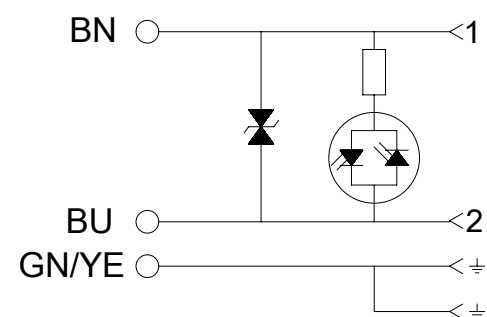
ELECTRICAL DIAGRAM R0



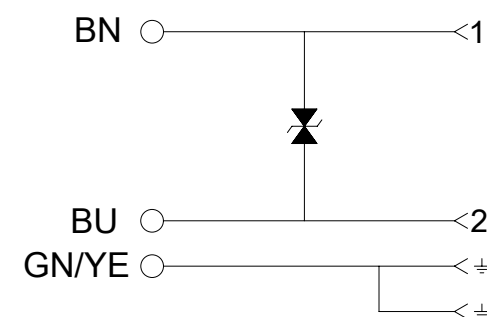
ELECTRICAL DIAGRAM R2



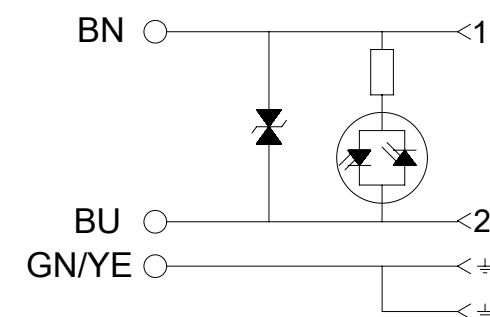
ELECTRICAL DIAGRAM S0



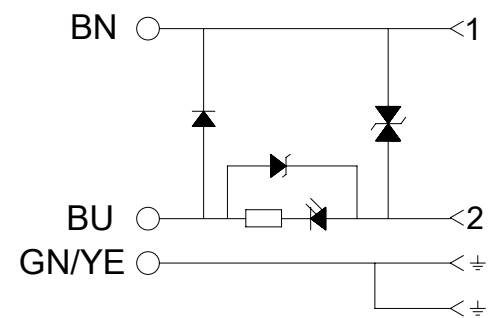
ELECTRICAL DIAGRAM S1



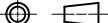
ELECTRICAL DIAGRAM S3



ELECTRICAL DIAGRAM NS



Technical Spec:
Supply Voltage: See PN KEY
Max. current: 5A; A1-C4-S0
1,5A; R2
Contact Resistance: ≤15milliohms max.
Operating Temperature:
with NBR Gasket: -40°C +90°C
with Silicone: -40°C +125°C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			
 = 0		mm		1:1		molex STANDARD E452 DIN FORM A EN 175301-803 PRODUCT CUSTOMER DRAWING			
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
 = 0		ANGULAR TOL ± °							
 = 0		4 PLACES		±					
 = 0		3 PLACES		±		EC NO: 603741			
 = 0		2 PLACES		±		DRWN: APAWLAK01 2018/07/13			
 = 0		1 PLACE		±		CHK'D: RSILLER 2018/08/31			
 = 0		0 PLACES		±		APPR: RSILLER 2018/08/31			
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		121050	
						MATERIAL NUMBER		CUSTOMER	
						SEE 1210502000_PDP		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE	
						1210502000		PSD	
								DOC PART	
								000	
								REVISION	
								A	
								SHEET NUMBER	
								3 OF 3	

	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
F	TABLE 2 - CABLES										TABLE 2 - CABLES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	<table><tr><th>Molex PN Raw cable</th><th>Cable type</th><th>Cable code</th><th>Wires no.</th><th>Cross Section</th><th>Jacket material</th><th>Jacket color</th><th>Diameter Ø [mm]</th><th>Wire colors</th></tr><tr><td>1210180080</td><td>I</td><td>0</td><td>3</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.4±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180467</td><td>A</td><td>2</td><td>2</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>5.4±0.2</td><td>BN, BU</td></tr><tr><td>1210180128</td><td>A</td><td>2</td><td>3</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>5.6±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180394</td><td>A</td><td>2</td><td>4</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.2±0.25</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180297</td><td>B</td><td>2</td><td>2</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>5.6±0.2</td><td>BN, BU</td></tr><tr><td>1210180126</td><td>B</td><td>2</td><td>3</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>5.6±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180387</td><td>B</td><td>2</td><td>4</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.3±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180122</td><td>D</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>5.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180047</td><td>I</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5+0.3/-0</td><td>BN, BU</td></tr><tr><td>1210180284</td><td>I</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5+0.3/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180146</td><td>I</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.5±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180177</td><td>I</td><td>2</td><td>5</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.0 +0.3/-0</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180022</td><td>N</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.2±0.2</td><td>BN, BU</td></tr><tr><td>1202092753</td><td>N</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180153</td><td>N</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.9±0.3</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180046</td><td>P</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>5.5±0.2</td><td>BN, BU</td></tr><tr><td>1202092439</td><td>P</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>5.5 +0.3/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180302</td><td>P</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1202092215</td><td>P</td><td>2</td><td>5</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>7+0.3/-0.1</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180409</td><td>A</td><td>3</td><td>2</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.2±0.25</td><td>BN, BU</td></tr><tr><td>1210180129</td><td>A</td><td>3</td><td>3</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.5±0.25</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180159</td><td>A</td><td>3</td><td>4</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>7.0+0.3/-0</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180464</td><td>A</td><td>3</td><td>5</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>7.8±0.25</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180351</td><td>B</td><td>3</td><td>2</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.2±0.2</td><td>BN, BU</td></tr><tr><td>1210180127</td><td>B</td><td>3</td><td>3</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180160</td><td>B</td><td>3</td><td>4</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>7±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180463</td><td>B</td><td>3</td><td>5</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>7.8±0.25</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180073</td><td>D</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180145</td><td>D</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>7.1±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1202098206</td><td>I</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5±0.2</td><td>BK1, BK2</td></tr><tr><td>1210180120</td><td>I</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.0±0.2</td><td>BK1, BK2, BK3</td></tr><tr><td>1210180143</td><td>I</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.0±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180032</td><td>N</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.2±0.2</td><td>BN, BU</td></tr><tr><td>1210180069</td><td>N</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180144</td><td>N</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>7.1±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180174</td><td>N</td><td>3</td><td>5</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>8.0+0.2/-0</td><td>BN, BU, BK, GY, GN/YE</td></tr><tr><td>1202094190</td><td>P</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU</td></tr><tr><td>1210180071</td><td>P</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180152</td><td>P</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>7.0±0.2</td><td>BN, BU, BK, GN/YE</td></tr></table>										Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors	1210180080	I	0	3	1 mm²	PVC CEI 2022 II O.R.	Grey	6.4±0.2	BN, BU, GN/YE	1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Black	5.4±0.2	BN, BU	1210180128	A	2	3	20 AWG	PVC CSA/UL 2661	Black	5.6±0.2	BN, BU, GN/YE	1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU, BK, GN/YE	1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU	1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU, GN/YE	1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Black	6.3±0.2	BN, BU, BK, GN/YE	1210180122	D	2	3	0.5 mm²	PVC CEI 20-20	Grey	5.5±0.2	BN, BU, GN/YE	1210180047	I	2	2	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU	1210180284	I	2	3	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU, GN/YE	1210180146	I	2	4	0.5 mm²	PVC CEI 2022 II O.R.	Grey	6.5±0.2	BN, BU, BK, GN/YE	1210180177	I	2	5	0.5 mm²	PVC CEI 2022 II O.R.	Grey	7.0 +0.3/-0	BN, BU, BK, WH, GN/YE	1210180022	N	2	2	0.5 mm²	PVC H03VV-F	Black	5.2±0.2	BN, BU	1202092753	N	2	3	0.5 mm²	PVC H03VV-F	Black	5.5±0.2	BN, BU, GN/YE	1210180153	N	2	4	0.5 mm²	PVC H03VV-F	Black	5.9±0.3	BN, BU, BK, GN/YE	1210180046	P	2	2	0.5 mm²	PUR - BLEND	Black	5.5±0.2	BN, BU	1202092439	P	2	3	0.5 mm²	PUR - BLEND	Black	5.5 +0.3/-0	BN, BU, GN/YE	1210180302	P	2	4	0.5 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, BK, GN/YE	1202092215	P	2	5	0.5 mm²	PUR - BLEND	Black	7+0.3/-0.1	BN, BU, BK, WH, GN/YE	1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU	1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Black	6.5±0.25	BN, BU, GN/YE	1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Black	7.0+0.3/-0	BN, BU, BK, GN/YE	1210180464	A	3	5	18 AWG	PVC CSA/UL 2661	Black	7.8±0.25	BN, BU, BK, WH, GN/YE	1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Black	6.2±0.2	BN, BU	1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Black	6.5±0.2	BN, BU, GN/YE	1210180160	B	3	4	18 AWG	PUR CSA/UL 20668	Black	7±0.2	BN, BU, BK, GN/YE	1210180463	B	3	5	18 AWG	PUR CSA/UL 20668	Black	7.8±0.25	BN, BU, BK, WH, GN/YE	1210180073	D	3	3	0.75 mm²	PVC CEI 20-20	Grey	6.5±0.2	BN, BU, GN/YE	1210180145	D	3	4	0.75 mm²	PVC CEI 20-20	Grey	7.1±0.2	BN, BU, BK, GN/YE	1202098206	I	3	2	0.75 mm²	PVC CEI 2022 II O.R.	Grey	5.5±0.2	BK1, BK2	1210180120	I	3	3	0.75 mm²	PVC CEI 2022 II O.R.	Grey	6.0±0.2	BK1, BK2, BK3	1210180143	I	3	4	0.75 mm²	PVC CEI 2022 II O.R.	Grey	7.0±0.2	BN, BU, BK, GN/YE	1210180032	N	3	2	0.75 mm²	PVC H05VV-F	Black	6.2±0.2	BN, BU	1210180069	N	3	3	0.75 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU, GN/YE	1210180144	N	3	4	0.75 mm²	PVC H05VV-F	Black	7.1±0.2	BN, BU, BK, GN/YE	1210180174	N	3	5	0.75 mm²	PVC H05VV-F	Black	8.0+0.2/-0	BN, BU, BK, GY, GN/YE	1202094190	P	3	2	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU	1210180071	P	3	3	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, GN/YE	1210180152	P	3	4	0.75 mm²	PUR - BLEND	Black	7.0±0.2	BN, BU, BK, GN/YE	<table><tr><th>Molex PN Raw cable</th><th>Cable type</th><th>Cable code</th><th>Wires no.</th><th>Cross Section</th><th>Jacket material</th><th>Jacket color</th><th>Diameter Ø [mm]</th><th>Wire colors</th></tr><tr><td>1210180384</td><td>R</td><td>3</td><td>3</td><td>0.75 mm²</td><td>TPR HAL. FREE</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180094</td><td>T</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PUR CSA/UL 20668</td><td>Yellow</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180309</td><td>Y</td><td>3</td><td>3</td><td>0.75 mm²</td><td>SILICONE RUBBER</td><td>Red</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180081</td><td>F</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC CNOMO</td><td>Grey</td><td>7.1+0.2/-0</td><td>BK1, BK2, GN/YE</td></tr><tr><td>1210180042</td><td>I</td><td>4</td><td>2</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.1+0.2/-0</td><td>BN, BU</td></tr><tr><td>1210180079</td><td>I</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.1+0.2/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180036</td><td>N</td><td>4</td><td>2</td><td>1 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.5±0.2</td><td>BN, BU</td></tr><tr><td>1210180082</td><td>N</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.9±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180117</td><td>R</td><td>4</td><td>3</td><td>1 mm²</td><td>TPR HAL. FREE</td><td>Black</td><td>7.1±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180085</td><td>N</td><td>5</td><td>3</td><td>1.5 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>7.9±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180313</td><td>I</td><td>6</td><td>2</td><td>0.35 mm²</td><td>PVC CEI 2011</td><td>Grey</td><td>4.8±0.2</td><td>BN, WH</td></tr><tr><td>1210180149</td><td>I</td><td>9</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 2022 II</td><td>Grey</td><td>7.3±0.2</td><td>BN, BU, BK, GN/YE</td></tr></table>										Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors	1210180384	R	3	3	0.75 mm²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE	1210180094	T	3	3	0.75 mm²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE	1210180309	Y	3	3	0.75 mm²	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE	1210180081	F	4	3	1 mm²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE	1210180042	I	4	2	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU	1210180079	I	4	3	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE	1210180036	N	4	2	1 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU	1210180082	N	4	3	1 mm²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE	1210180117	R	4	3	1 mm²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE	1210180085	N	5	3	1.5 mm²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE	1210180313	I	6	2	0.35 mm²	PVC CEI 2011	Grey	4.8±0.2	BN, WH	1210180149	I	9	4	0.75 mm²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE
Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180080	I	0	3	1 mm²	PVC CEI 2022 II O.R.	Grey	6.4±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Black	5.4±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180128	A	2	3	20 AWG	PVC CSA/UL 2661	Black	5.6±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Black	6.3±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180122	D	2	3	0.5 mm²	PVC CEI 20-20	Grey	5.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180047	I	2	2	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180284	I	2	3	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180146	I	2	4	0.5 mm²	PVC CEI 2022 II O.R.	Grey	6.5±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180177	I	2	5	0.5 mm²	PVC CEI 2022 II O.R.	Grey	7.0 +0.3/-0	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180022	N	2	2	0.5 mm²	PVC H03VV-F	Black	5.2±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202092753	N	2	3	0.5 mm²	PVC H03VV-F	Black	5.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180153	N	2	4	0.5 mm²	PVC H03VV-F	Black	5.9±0.3	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180046	P	2	2	0.5 mm²	PUR - BLEND	Black	5.5±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202092439	P	2	3	0.5 mm²	PUR - BLEND	Black	5.5 +0.3/-0	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180302	P	2	4	0.5 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202092215	P	2	5	0.5 mm²	PUR - BLEND	Black	7+0.3/-0.1	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Black	6.5±0.25	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Black	7.0+0.3/-0	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180464	A	3	5	18 AWG	PVC CSA/UL 2661	Black	7.8±0.25	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Black	6.2±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180160	B	3	4	18 AWG	PUR CSA/UL 20668	Black	7±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180463	B	3	5	18 AWG	PUR CSA/UL 20668	Black	7.8±0.25	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180073	D	3	3	0.75 mm²	PVC CEI 20-20	Grey	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180145	D	3	4	0.75 mm²	PVC CEI 20-20	Grey	7.1±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202098206	I	3	2	0.75 mm²	PVC CEI 2022 II O.R.	Grey	5.5±0.2	BK1, BK2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180120	I	3	3	0.75 mm²	PVC CEI 2022 II O.R.	Grey	6.0±0.2	BK1, BK2, BK3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180143	I	3	4	0.75 mm²	PVC CEI 2022 II O.R.	Grey	7.0±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180032	N	3	2	0.75 mm²	PVC H05VV-F	Black	6.2±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180069	N	3	3	0.75 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180144	N	3	4	0.75 mm²	PVC H05VV-F	Black	7.1±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180174	N	3	5	0.75 mm²	PVC H05VV-F	Black	8.0+0.2/-0	BN, BU, BK, GY, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202094190	P	3	2	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180071	P	3	3	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180152	P	3	4	0.75 mm²	PUR - BLEND	Black	7.0±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180384	R	3	3	0.75 mm²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180094	T	3	3	0.75 mm²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180309	Y	3	3	0.75 mm²	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180081	F	4	3	1 mm²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180042	I	4	2	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180079	I	4	3	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180036	N	4	2	1 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180082	N	4	3	1 mm²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180117	R	4	3	1 mm²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180085	N	5	3	1.5 mm²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180313	I	6	2	0.35 mm²	PVC CEI 2011	Grey	4.8±0.2	BN, WH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180149	I	9	4	0.75 mm²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
D											TABLE 1 - CABLES TYPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	<table><tr><th>Code</th><th>Cable types</th><th>Features</th><th>Cable type Cross section</th></tr><tr><td>N</td><td>PVC</td><td>Application general purpose cable which has good resistance to water, but usually poor oil resistance.</td><td>N2=0.5 mm2 N3=0.75 mm2 N4=1 mm2</td></tr><tr><td>I</td><td>CEI</td><td>Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.</td><td>I2=0.5 mm2 I3=0.75 mm2 I4=1 mm2</td></tr><tr><td>P</td><td>PUR</td><td>Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.</td><td>P2=0.5 mm2 P3=0.75 mm2 P4=1 mm2</td></tr><tr><td>A</td><td>PVC CSA-UL</td><td>Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.</td><td>A2=20 AWG A3=18 AWG</td></tr><tr><td>B</td><td>PUR CSA-UL</td><td>Approved to CSA-UL 20668, very good resistance to oil and chemicals.</td><td>B2=20 AWG B3=18 AWG</td></tr></table>										Code	Cable types	Features	Cable type Cross section	N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	N2=0.5 mm2 N3=0.75 mm2 N4=1 mm2	I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	I2=0.5 mm2 I3=0.75 mm2 I4=1 mm2	P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	P2=0.5 mm2 P3=0.75 mm2 P4=1 mm2	A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	A2=20 AWG A3=18 AWG	B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	B2=20 AWG B3=18 AWG																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Code	Cable types	Features	Cable type Cross section																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	N2=0.5 mm2 N3=0.75 mm2 N4=1 mm2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	I2=0.5 mm2 I3=0.75 mm2 I4=1 mm2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	P2=0.5 mm2 P3=0.75 mm2 P4=1 mm2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	A2=20 AWG A3=18 AWG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	B2=20 AWG B3=18 AWG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
A	<table><tr><td>DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2022/07/19 09:04:35</td></tr></table>										DOCUMENT STATUS	P1	RELEASE DATE	2022/07/19 09:04:35	<table><tr><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="2">CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP</td><td colspan="2" rowspan="4"> molex E452XXXXXXXXXXXX DIN FORM A EN 175301-803 PRODUCT CUSTOMER DRAWING </td></tr><tr><td>DIMENSION UNITS</td><td>mm</td><td>SCALE</td><td>NTS</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>±</td><td rowspan="4">EC NO: 714567 DRWN: SUGEEB 2022/07/18 CHK'D: GGA 2022/07/19 APPR: GGA 2022/07/19</td><td rowspan="4">INITIAL REVISION: DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20</td></tr><tr><td>2 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td></td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td colspan="2">ANGULAR TOL</td><td>±</td><td>°</td><td rowspan="2">FIRST ANGLE PROJECTION </td><td rowspan="2">DRAWING A3-SIZE SERIES 121050 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 41</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="4"></td></tr></table>										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXXXX DIN FORM A EN 175301-803 PRODUCT CUSTOMER DRAWING		DIMENSION UNITS	mm	SCALE	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)		MM	INCH	4 PLACES	±		±	3 PLACES	±		±	EC NO: 714567 DRWN: SUGEEB 2022/07/18 CHK'D: GGA 2022/07/19 APPR: GGA 2022/07/19	INITIAL REVISION: DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20	2 PLACES	±		±	1 PLACE	±		±	0 PLACES	±		±	ANGULAR TOL		±	°	FIRST ANGLE PROJECTION 	DRAWING A3-SIZE SERIES 121050 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 41	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																																																																																																																																																																																																																																																																																																																																																																																																																														
DOCUMENT STATUS	P1	RELEASE DATE	2022/07/19 09:04:35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXXXX DIN FORM A EN 175301-803 PRODUCT CUSTOMER DRAWING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
DIMENSION UNITS	mm	SCALE	NTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
GENERAL TOLERANCES (UNLESS SPECIFIED)		MM	INCH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4 PLACES	±		±																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3 PLACES	±		±	EC NO: 714567 DRWN: SUGEEB 2022/07/18 CHK'D: GGA 2022/07/19 APPR: GGA 2022/07/19	INITIAL REVISION: DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2 PLACES	±		±																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1 PLACE	±		±																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
0 PLACES	±		±																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
ANGULAR TOL		±	°	FIRST ANGLE PROJECTION 	DRAWING A3-SIZE SERIES 121050 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 41																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Pos.	Molex PN:	Engineering No.:
1	1210400514	E452N3N10012000
2	1210400515	E452N3N30012000
3	1210400516	E452N3N50012000
4	1210400517	E452P3N10012000
5	1210400519	E452P3N30012000
6	1210400755	E452N3N2001P000
7	1210400810	E452N3N15K12000
8	1210400861	E452N3N10011000
9	1210400896	E452A2A80012000
10	1210400897	E452A2A90012000
11	1210400898	E452A2A70012000
12	1210400899	E452A2A40012000
13	1210400900	E452A2A50012000
14	1210400901	E452N3N13K12000
15	1210400909	E452A2A60012000
16	1210400957	E452N3N20012000
17	1210401237	W452P3N30012000
18	1210401242	W452N3N50012000
19	1210401265	W452N3N30012000
20	1210401291	W452N3N10012000
21	1210500294	E452A2A20011C4H
22	1210500295	E452A3A10011C42
23	1210500297	E452A3A30011C44
24	1210500298	E452A3A30011C4H
25	1210500299	E452A3A30012000
26	1210500301	E452A3A30012C4H
27	1210500302	E452A3A50012C4L
28	1210500311	E452B3A30012C4H
29	1210500312	E452B3A30012C4L
30	1210500313	E452B3A50012C4H
31	1210500314	E452B8N10012000
32	1210500339	E452F4N10K11S3B
33	1210500344	E452F4N20011S3B
34	1210500352	E452F4N50011S3B
35	1210500362	E452I0N20011C42
36	1210500375	E452I2N10011C4H
37	1210500376	E452I2N10011C72
38	1210500384	E452I2N20011C3H
39	1210500385	E452I2N20011C4H
40	1210500388	E452I2N30011C32

Pos.	Molex PN:	Engineering No.:
41	1210500389	E452I2N30011C3H
42	1210500390	E452I2N30011C42
43	1210500392	E452I2N30011C4H
44	1210500393	E452I2N30011C4L
45	1210500394	E452I2N30011C4M
46	1210500398	E452I2N50011C42
47	1210500399	E452I2N50011C4H
48	1210500407	E452I4G30011C4B
49	1210500408	E452I4G30011C4H
50	1210500414	E452I4G40011C4H
51	1210500417	E452I4G50011C4H
52	1210500424	E452I4N10011C42
53	1210500428	E452I4N10011C4H
54	1210500434	E452I4N10K11C4H
55	1210500435	E452I4N10K11C4L
56	1210500443	E452I4N15K11C4H
57	1210500448	E452I4N20011C3H
58	1210500452	E452I4N20011C4H
59	1210500455	E452I4N20011C7H
60	1210500465	E452I4N30011A1H
61	1210500467	E452I4N30011C3H
62	1210500468	E452I4N30011C42
63	1210500469	E452I4N30011C44
64	1210500473	E452I4N30011C4H
65	1210500474	E452I4N30011C4L
66	1210500475	E452I4N30011C4M
67	1210500478	E452I4N30011R2H
68	1210500479	E452I4N30011R2L
69	1210500480	E452I4N30011R2M
70	1210500481	E452I4N30011S0H
71	1210500486	E452I4N35011C45
72	1210500489	E452I4N40011C42
73	1210500492	E452I4N40011C4H
74	1210500498	E452I4N50011C3H
75	1210500499	E452I4N50011C42
76	1210500504	E452I4N50011C4H
77	1210500505	E452I4N50011C4L
78	1210500506	E452I4N50011C4M
79	1210500510	E452I4N50011R2L
80	1210500511	E452I4N50011S0H

Pos.	Molex PN:	Engineering No.:
81	1210500514	E452I4N55011C72
82	1210500515	E452I4N60011C42
83	1210500520	E452I4N70011R2H
84	1210500522	E452I4N80011C4H
85	1210500524	E452I8N50011C4H
86	1210500548	E452N3N10011A11
87	1210500549	E452N3N10011C42
88	1210500551	E452N3N10011C45
89	1210500552	E452N3N10011C4B
90	1210500554	E452N3N10011C4H
91	1210500556	E452N3N10011R2H
92	1210500558	E452N3N10012C4H
93	1210500559	E452N3N10012C4L
94	1210500560	E452N3N10022C4L
95	1210500562	E452N3N10K11C42
96	1210500569	E452N3N10K11S02
97	1210500572	E452N3N10K11S0H
98	1210500575	E452N3N10K12C4H
99	1210500576	E452N3N10K12C4L
100	1210500582	E452N3N15011A11
101	1210500583	E452N3N15011A12
102	1210500584	E452N3N15011A15
103	1210500585	E452N3N15011C32
104	1210500591	E452N3N15012C4H
105	1210500594	E452N3N15022C4L
106	1210500599	E452N3N15K12C4H
107	1210500601	E452N3N20011A11
108	1210500602	E452N3N20011A12
109	1210500603	E452N3N20011A14
110	1210500606	E452N3N20011A1H
111	1210500612	E452N3N20011C42
112	1210500620	E452N3N20011C4H
113	1210500621	E452N3N20011C4L
114	1210500624	E452N3N20011R05
115	1210500627	E452N3N20011R2M
116	1210500636	E452N3N25011C42
117	1210500638	E452N3N25011C4H
118	1210500644	E452N3N30011A1H
119	1210500648	E452N3N30011C32
120	1210500649	E452N3N30011C41

Pos.	Molex PN:	Engineering No.:
121	1210500650	E452N3N30011C42
122	1210500651	E452N3N30011C44
123	1210500652	E452N3N30011C45
124	1210500657	E452N3N30011C4H
125	1210500658	E452N3N30011C4L
126	1210500659	E452N3N30011C4M
127	1210500662	E452N3N30011R2H
128	1210500666	E452N3N30011S0D
129	1210500673	E452N3N30012C4H
130	1210500674	E452N3N30012C4L
131	1210500685	E452N3N35011A11
132	1210500689	E452N3N40011A12
133	1210500690	E452N3N40011C42
134	1210500691	E452N3N40011C44
135	1210500692	E452N3N40011C45
136	1210500693	E452N3N40011C4H
137	1210500696	E452N3N50011A1B
138	1210500702	E452N3N50011C42
139	1210500703	E452N3N50011C44
140	1210500705	E452N3N50011C4B
141	1210500707	E452N3N50011C4D
142	1210500708	E452N3N50011C4E
143	1210500709	E452N3N50011C4H
144	1210500711	E452N3N50011S02
145	1210500712	E452N3N50011S0D
146	1210500713	E452N3N50011S0H
147	1210500714	E452N3N50012C44
148	1210500715	E452N3N50012C4H
149	1210500716	E452N3N50012C4L
150	1210500722	E452N3N65021C42
151	1210500730	E452P2N04011C4H
152	1210500735	E452P2N07511C32
153	1210500737	E452P2N10011C4H
154	1210500739	E452P2N10K11C4H
155	1210500741	E452P2N10K11S0H
156	1210500742	E452P2N11011C4H
157	1210500747	E452P2N16011C4H
158	1210500748	E452P2N20011C4H
159	1210500755	E452P2N30011C4L
160	1210500759	E452P2N30011S0H

FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14	9	8
---	---	---

4	3	2	1
---	---	---	---

Pos.	Molex PN:	Engineering No.:
161	1210500764	E452P2N50011C42
162	1210500766	E452P2N50011C4B
163	1210500769	E452P2N50011C4H
164	1210500770	E452P2N50011C4L
165	1210500776	E452P2N50011S0H
166	1210500787	E452P3N05011S0B
167	1210500791	E452P3N10012C4H
168	1210500792	E452P3N10012C4L
169	1210500795	E452P3N10K11S0H
170	1210500801	E452P3N15011S0H
171	1210500803	E452P3N20011C42
172	1210500807	E452P3N30011C3H
173	1210500810	E452P3N30011C4H
174	1210500812	E452P3N30011S0B
175	1210500814	E452P3N30011S0H
176	1210500815	E452P3N30012C4H
177	1210500816	E452P3N30012C4L
178	1210500817	E452P3N50011C3H
179	1210500819	E452P3N50011C4H
180	1210500821	E452P3N50011S02
181	1210500822	E452P3N50011S0B
182	1210500823	E452P3N50011S0H
183	1210500824	E452P3N50012000
184	1210500826	E452P3N50012C4H
185	1210500827	E452P3N50012C4L
186	1210501560	E452A2A10012000
187	1210501561	E452N3N50011C4M
188	1210501563	E452A2A30012000
189	1210501569	E452I2N15011C7H
190	1210501577	E452N3N50011C4L
191	1210501578	E452B3A50012C4L
192	1210501581	E452P3N07011C4H
193	1210501584	E452I4G60011C4H
194	1210501587	E452P3N50011R2E
195	1210501591	E452A3A50012C4H
196	1210501607	E452N3N10013C4H
197	1210501608	E452N3N50013C4H
198	1210501609	E452N2N15011E05
199	1210501610	E452P2N30011C4H
200	1210501611	E452A3A10K12C4H

Pos.	Molex PN:	Engineering No.:
201	1210501612	E452I4G20011C4H
202	1210501624	E452A3A30012C4L
203	1210501632	E452P2N20011C42
204	1210501647	E452P3N20011S02
205	1210501656	E452A2A50012C4H
206	1210501657	E452P3N20011C44
207	1210501664	E452P3N10011C4H
208	1210501674	E452A3A20011C44
209	1210501690	E452N2N50011C4H
210	1210501698	E452I4N20011C3B
211	1210501720	E452I4N80011C72
212	1210501726	E452A3A20011C45
213	1210501733	E452P3N50011A1H
214	1210501735	E452N2N30011A12
215	1210501737	E452N2N10011R2H
216	1210501749	E452A2A15011C4H
217	1210501764	E452N3N06011A12
218	1210501766	E452N3N10011A12
219	1210501780	E452A3A30011R2L
220	1210501781	E452B3A30011C4H
221	1210501795	E452I2N10K11C4H
222	1210501799	E452N2N30011A1M
223	1210501800	E452N2N30011A1D
224	1210501801	E452A3A50012000
225	1210501813	E452I4N60011C4H
226	1210501840	E452A2A30011C32
227	1210501844	E452I4N15011C4H
228	1210501867	E452N3N10011C4M
229	1210501874	E452A3A20011A1M
230	1210501878	E452N3N1001PC4H
231	1210501879	E452A3A30011C4L
232	1210501882	E452B3A30022000
233	1210501887	E452A3A50011C7H
234	1210501888	E452A3A20011C7H
235	1210501889	E452P3N3001PS0H
236	1210501890	E452P3N5001PS0H
237	1210501891	E452P3N5001PC4M
238	1210501892	E452B3A10012000
239	1210501916	E452I2N50011C44
240	1210501921	E452N2N20091C3H

Pos.	Molex PN:	Engineering No.:
241	1210501932	E452I4G40011S0H
242	1210501941	E452N3N3001PS0H
243	1210501942	E452N3N1001PS0H
244	1210501960	E452I4N70011R2L
245	1210501962	E452P3N3001PC4H
246	1210501966	E452A3A50012C3H
247	1210501968	E452N3N2001PC42
248	1210501973	E452I4N50011C3B
249	1210501998	E452P3N1001PC4H
250	1210501999	E452P3N3001PC45
251	1210502000	E452I4N50011S02
252	1210502004	E452A3A50011S0H
253	1210502007	E452A2A15011S0H
254	1210502008	E452A2A50011S0H
255	1210502018	E452N3N25011S0H
256	1210502022	E452A3A10K12000
257	1210502024	E452A3A50011C44
258	1210502034	E452N2N30011A14
259	1210502035	E452A3A10012C4L
260	1210502038	E452N3N5001PC4H
261	1210502039	E452N3N3001PC4H
262	1210502043	E452A2A20011S0H
263	1210502044	E452A2A30011S0H
264	1210502050	E452N3N10K11C4L
265	1210502052	E452P3N2001PC3H
266	1210502068	E452T3A30011C4H
267	1210502072	E452P3N1501PS0H
268	1210502077	E452I2N40011C42
269	1210502080	E452I4N60011C32
270	1210502083	E452N2N30011A1H
271	1210502084	E452N2N30011C3H
272	1210502091	E452T3A20011C4H
273	1210502100	E452N3N20011C41
274	1210502115	E452T3A10011C4H
275	1210502128	E452I4N35011A1B
276	1210502134	E452N3N10011C3G
277	1210502137	E452N3N5001RA1H
278	1210502142	E452N3N3001RC4H
279	1210502171	E452A2A10011S0H
280	1210502177	E452N2N30011C42

Pos.	Molex PN:	Engineering No.:
281	1210502178	E452N2N30011C44
282	1210502180	E452I4N10K11C3H
283	1210502190	E452I2N10014A1G
284	1210502194	E452F4N5001RC4E
285	1210502213	E452N2N30011R2M
286	1210502214	E452N2N15041C4H
287	1210502219	E452I4N50011R2M
288	1210502223	E452P3N5001PC4H
289	1210502232	E452N2N30041C4H
290	1210502233	E452N3N5001PS0H
291	1210502244	E452N3N20011R2H
292	1210502247	E452N2N5001RA1H
293	1210502248	E452N2N10K1RA1H
294	1210502256	E452T3A06011C4H
295	1210502258	E452A3A30012C4M
296	1210502259	E452A3A20011C42
297	1210502262	E452N3N40011R2M
298	1210502278	E452N3N1001TR2H
299	1210502281	E452N2N30011C4M
300	1210502283	E452T3A60011C4H
301	1210502289	E452I4N5001PC4H
302	1210502309	E452N3N4001PC4H
303	1210502311	E452A3A10K11S0H
304	1210502314	E452N3N2001PR2M
305	1210502317	E452N2N10011A12
306	1210502318	E452N3N2001PC3H
307	1210502328	E452B2A30011A15
308	1210502334	E452A3A30011C42
309	1210502335	E452P3N2001PC4H
310	1210502341	E452N3N10K11C4H
311	1210502346	E452N2N10K12C4H
312	1210502352	E452N3N50012S02
313	1210502353	E452A3A30022000
314	1210502357	E452B3A50011C4H
315	1210502359	E452I2N50011C3H
316	1210502363	E452A2A10K11S0H
317	1210502375	E452N2N10011R24
318	1210502389	E452N3N55021A12
319	1210502396	E452P3N10K11C4H
320	1210502404	E452P2N20011S0B

FORMAT: Met-lega-master-lb-prod-A3 REVISION: E DATE: 2020/01/14	9	8
---	--------------	--------------

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP			molex E452XXXXXXXXXXX DIN FORM A EN 175301-803		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714567 DRWN: SUGEEB2022/07/18 CHK'D: GGA2022/07/19 APPR: GGA2022/07/19 INITIAL REVISION: DRWN: JMARSZALEK2012/08/27 APPR: MDYSZEWSKA2012/08/20					
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	±							
2 PLACES	±	±							
1 PLACE	±	±		PRODUCT CUSTOMER DRAWING					
0 PLACES	±	±							
ANGULAR TOL ± °				DOCUMENT NUMBER			DOC TYPE		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SD-121050-001			PSD		
				001			E1		
FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
		A3-SIZE		121050		SEE TABLE		GENERAL MARKET	
								SHEET NUMBER	
								5 OF 41	

	10	9	8	7	6	5	4	3	2	1																						
F	TABLE 3 - PART LIST										F																					
E	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:																				
	321	1210502411	E452P3N10011R2E	361	1210502555	E452P3N40011C3H	401	1210502647	E452A2A30011C4H	441	1210502866	W452N3N2001RC4A																				
	322	1210502413	E452P2N50011C4M	362	1210502561	E452N2N20011A11	402	1210502648	E452N3N10011C41	442	1210502867	W452A3A5001RS0H																				
	323	1210502414	E452A3A50021000	363	1210502564	E452N3N10K1RA1H	403	1210502650	E452A3A10K1RS0H	443	1210502868	W452N3N5001RS0D																				
	324	1210502416	E452N2N20011C4H	364	1210502565	E452Y3N20011C42	404	1210502654	E452P1N50011C45	444	1210502869	W452N3N5001RC4E																				
	325	1210502417	E452R4N2001PC4M	365	1210502567	E452Y3N40011A12	405	1210502659	E452N3N40011R2H	445	1210502870	W452N3N5001RC4D																				
	326	1210502418	E452R4N2001PR2E	366	1210502568	E452B2B10011A12	406	1210502660	E452N2N30011A11	446	1210502871	W452N3N5001RC4B																				
	327	1210502419	E452N3N8001RA1H	367	1210502572	E452N3N05011C31	407	1210502662	E452P3N10K1PC4H	447	1210502872	W452N3N3001RC4E																				
	328	1210502438	E452I4N70011A1L	368	1210502575	E452B2A1502TC32	408	1210502664	E452N3N3001PC42	448	1210502874	W452N3N2001RC4H																				
	329	1210502441	E452I2N20011C7H	369	1210502577	E452N3N0501RC4B	409	1210502666	E452B3B50011C4H	449	1210502875	W452N3N2001RA1E																				
D	330	1210502447	E452I4N15011R22	370	1210502578	E452N3N12K1RA1H	410	1210502671	E452I2N15011C3H	450	1210502876	W452P3N5001RC42																				
	331	1210502471	E452N2N20011C42	371	1210502579	E452I4G80011C4H	411	1210502672	E452I2N40011C3H	451	1210502877	W452N3N2001RC3A																				
	332	1210502474	E452N3N15011C3A	372	1210502581	E452N2N20011A1H	412	1210502676	E452I2N20012S12	452	1210502878	W452N3N3001RC4C																				
	333	1210502475	E452N3N25011S0B	373	1210502584	E452N3N03011A12	413	1210502678	E452A3A3001RC42	453	1210502890	W452N3N5001RA1B																				
	334	1210502476	E452I4N90011C3H	374	1210502585	E452P3N5001PC4L	414	1210502679	E452P3N50011C4M	454	1210502892	W452N3N2001RC4E																				
	335	1210502479	E452Y3N40011C42	375	1210502586	E452P3N10011C4L	415	1210502680	E452N3N03011C42	455	1210502893	W452N3N5001RC3B																				
	336	1210502488	E452P3N30011C4M	376	1210502589	E452N3N5001PC4M	416	1210502681	E452N3N50011C3H	456	1210502894	W452P3N5001RC4B																				
	337	1210502492	E452Y3N20011A14	377	1210502590	E452I2N40011C4M	417	1210502682	E452P2N03011C4H	457	1210502908	W452N3N5001RC4C																				
	338	1210502495	E452A3A30012C4G	378	1210502596	E452P3N20012C4H	418	1210502683	E452P2N05011C4H	458	1210502909	W452N3N10K1RC4E																				
	339	1210502497	E452N3N4001RA1G	379	1210502599	E452P2N10K12C4B	419	1210502686	E452N2N15011C4B	459	1210502910	W452N3N10K1RC4C																				
C	340	1210502501	E452B3A30012C3H	380	1210502601	E452A2A30021C4H	420	1210502687	E452N3N10K1RC4H	460	1210502911	W452F4N5001RC4B																				
	341	1210502505	E452P2N15K11C4H	381	1210502605	E452P3N15K1PC4H	421	1210502690	E452N3N0501NC31	461	1210502914	W452N3N3001RR2M																				
	342	1210502507	E452N3N20014S04	382	1210502606	E452N3N2001PA1H	422	1210502706	W452N2N5001RC4B	462	1210502915	W452N3N5001RC4A																				
	343	1210502510	E452N3N1001RC4H	383	1210502607	E452D2N50011C4H	423	1210502712	W452I2N50011S0H	463	1210502916	E452N3N0501RC4A																				
	344	1210502518	E452A3A50011R2L	384	1210502609	E452N2N30011C45	424	1210502715	W452I2N10K11S0H	464	1210502922	W452I2N50011C7H																				
	345	1210502520	E452N3N2001PS02	385	1210502616	E452I2N60011C4M	425	1210502750	W452N3N3001RR2B	465	1210502923	W452I2N20011C7H																				
	346	1210502522	E452I4N60011C3H	386	1210502619	E452B3A3001PA1H	426	1210502751	W452N4N2001RS01	466	1210502924	W452I4N3006PC3B																				
	347	1210502523	E452P2N40011C3B	387	1210502620	E452B3A3001PA1L	427	1210502752	W452N3N2001R000	467	1210502925	W452I4N15K6PC3B																				
	348	1210502524	E452P2N20011C3B	388	1210502621	E452B3A3001PA1M	428	1210502753	W452N3N15K1RC4B	468	1210502934	W452N3N5001RC4H																				
	349	1210502525	E452Y3N20011A12	389	1210502624	E452P3N20011C4L	429	1210502755	W452N3N30011C45	469	1210502942	W452I2N10K6PC3B																				
B	350	1210502526	E452P3N0751PC4M	390	1210502627	E452I2N60011C4H	430	1210502758	W452I4N20011C7H	470	1210502953	W452I2N5006PC3B																				
	351	1210502527	E452I4N15011A1H	391	1210502632	E452I2N20011S12	431	1210502762	W452I4N20011C4L	471	1210502955	W452N3N10K1RC4D																				
	352	1210502530	E452I4G40011C42	392	1210502633	E452Y3N50011C42	432	1210502764	W452I4N20011C4M	472	1210502956	W452N3N30011C44																				
	353	1210502531	E452I4G50011C42	393	1210502634	E452I4N3001PR2M	433	1210502821	W452I4N50011C7H	473	1210502958	W452N3N2001RC3B																				
	354	1210502539	E452N3N12011C4M	394	1210502635	E452Y3N20011A15	434	1210502859	W452N3N10K1RC4B	474	1210502968	W452P3N10K1RS0H																				
	355	1210502540	E452A2A11K12000	395	1210502638	E452N3N25041C42	435	1210502860	W452F4N10K1RS0B	475	1210502970	W452F4N3001RC4B																				
	356	1210502543	E452P2N50011C4G	396	1210502639	E452A3A3001RC32	436	1210502861	W452A3A10K1RS0H	476	1210502973	E452I4G30011C42																				
	357	1210502548	E452I4G10K11C4H	397	1210502640	E452A3A10K1RC32	437	1210502862	W452N3N3001RC4D	477	1210502974	W452P3N3001RA1G																				
	358	1210502549	E452I4G15K11C4H	398	1210502641	E452A3A3001RC44	438	1210502863	W452N3N3001RC4B	478	1210502976	E452N3N10011C4L																				
	359	1210502551	E452N2N20011E05	399	1210502642	E452A3A10K1RC34	439	1210502864	W452N3N2001RR05	479	1210502977	E452N3N30011A11																				
A	360	1210502554	E452N3N5001PS02	400	1210502646	E452I4G30011C4L	440	1210502865	W452N3N2001RC4B	480	1210502982	E452A3A10012C4H																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS mm SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td>ANGULAR TOL</td><td>±</td><td>°</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS FIRST ANGLE PROJECTION DRAWING A3-SIZE SERIES 121050 CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA 2022/07/18 2022/07/19 2022/07/19 INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA 2012/08/27 2012/08/20 DOCUMENT NUMBER SD-121050-001 DOC TYPE PSD DOC PART 001 REVISION E1 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 6 OF 41 DOCUMENT STATUS P1 RELEASE DATE 2022/07/19 09:04:35													MM	INCH	4 PLACES	±	±	3 PLACES	±	±	2 PLACES	±	±	1 PLACE	±	±	0 PLACES	±	±	ANGULAR TOL	±	°
	MM	INCH																														
4 PLACES	±	±																														
3 PLACES	±	±																														
2 PLACES	±	±																														
1 PLACE	±	±																														
0 PLACES	±	±																														
ANGULAR TOL	±	°																														

TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
641	2210500965	E452A2A10011R02
642	2210500966	E452A2A10011R03
643	2210500967	E452A2A10011R04
644	2210500968	E452A2A10011R05
645	2210500969	E452A2A10011R0A
646	2210500970	E452A2A10011R0B
647	2210500971	E452A2A10011R0C
648	2210500972	E452A2A10011R0D
649	2210500973	E452A2A10011R0E
650	2210500974	E452A2A10011R0G
651	2210500975	E452A2A10011R0H
652	2210500976	E452A2A10011R0K
653	2210500977	E452A2A10011R0L
654	2210500978	E452A2A10011R0M
655	2210500979	E452A2A10011R21
656	2210500980	E452A2A10011R22
657	2210500981	E452A2A10011R23
658	2210500982	E452A2A10011R24
659	2210500983	E452A2A10011R25
660	2210500984	E452A2A10011R2A
661	2210500985	E452A2A10011R2B
662	2210500986	E452A2A10011R2C
663	2210500987	E452A2A10011R2D
664	2210500988	E452A2A10011R2E
665	2210500989	E452A2A10011R2G
666	2210500990	E452A2A10011R2H
667	2210500991	E452A2A10011R2K
668	2210500992	E452A2A10011R2L
669	2210500993	E452A2A10011R2M
670	2210500994	E452A2A10011S01
671	2210500995	E452A2A10011S02
672	2210500996	E452A2A10011S03
673	2210500997	E452A2A10011S04
674	2210500998	E452A2A10011S05
675	2210500999	E452A2A10011S0A
676	2210501000	E452A2A10011S0B
677	2210501001	E452A2A10011S0C
678	2210501002	E452A2A10011S0D
679	2210501003	E452A2A10011S0E
680	2210501008	E452A2A10011S0G

Pos.	Molex PN:	Engineering No.:
681	N/A	N/A
682	N/A	N/A
683	N/A	N/A
684	2210501023	E452A2A10011R05
685	N/A	N/A
686	N/A	N/A
687	N/A	N/A
688	N/A	N/A
689	N/A	N/A
690	N/A	N/A
691	N/A	N/A
692	N/A	N/A
693	N/A	N/A
694	N/A	N/A
695	2210501034	E452A2A10011R21
696	2210501035	E452A2A10011R22
697	2210501036	E452A2A10011R23
698	2210501037	E452A2A10011R24
699	2210501038	E452A2A10011R25
700	2210501039	E452A2A10011R2A
701	2210501040	E452A2A10011R2B
702	2210501041	E452A2A10011R2C
703	2210501042	E452A2A10011R2D
704	2210501043	E452A2A10011R2E
705	2210501044	E452A2A10011R2G
706	2210501045	E452A2A10011R2H
707	2210501046	E452A2A10011R2K
708	2210501047	E452A2A10011R2L
709	2210501048	E452A2A10011R2M
710	2210501049	E452A2A10011S01
711	2210501050	E452A2A10011S02
712	2210501051	E452A2A10011S03
713	2210501052	E452A2A10011S04
714	2210501053	E452A2A10011S05
715	2210501054	E452A2A10011S0A
716	2210501055	E452A2A10011S0B
717	2210501056	E452A2A10011S0C
718	2210501057	E452A2A10011S0D
719	2210501058	E452A2A10011S0E
720	2210501059	E452A2A10011S0G

Pos.	Molex PN:	Engineering No.:
721	2210501060	E452A2A10011S0K
722	2210501061	E452A2A10011S0L
723	2210501062	E452A2A10011S0M
724	2210501063	E452A2A10K11000
725	2210501064	E452A2A10K11A11
726	2210501065	E452A2A10K11A12
727	2210501066	E452A2A10K11A13
728	2210501067	E452A2A10K11A14
729	2210501068	E452A2A10K11A15
730	2210501069	E452A2A10K11A1A
731	2210501070	E452A2A10K11A1B
732	2210501071	E452A2A10K11A1C
733	2210501072	E452A2A10K11A1D
734	2210501073	E452A2A10K11A1E
735	2210501074	E452A2A10K11A1G
736	2210501075	E452A2A10K11A1H
737	2210501076	E452A2A10K11A1K
738	2210501077	E452A2A10K11A1L
739	2210501078	E452A2A10K11A1M
740	2210501079	E452A2A10K11C31
741	2210501080	E452A2A10K11C32
742	2210501081	E452A2A10K11C33
743	2210501082	E452A2A10K11C34
744	2210501083	E452A2A10K11C35
745	2210501084	E452A2A10K11C3A
746	2210501085	E452A2A10K11C3B
747	2210501086	E452A2A10K11C3C
748	2210501087	E452A2A10K11C3D
749	2210501088	E452A2A10K11C3E
750	2210501089	E452A2A10K11C3G
751	2210501090	E452A2A10K11C3H
752	2210501091	E452A2A10K11C3K
753	2210501092	E452A2A10K11C3L
754	2210501093	E452A2A10K11C3M
755	2210501094	E452A2A10K11C41
756	2210501095	E452A2A10K11C42
757	2210501096	E452A2A10K11C43
758	2210501097	E452A2A10K11C44
759	2210501098	E452A2A10K11C45
760	2210501099	E452A2A10K11C4A

Pos.	Molex PN:	Engineering No.:
761	2210501100	E452A2A10K11C4B
762	2210501101	E452A2A10K11C4C
763	2210501102	E452A2A10K11C4D
764	2210501103	E452A2A10K11C4E
765	2210501104	E452A2A10K11C4G
766	2210501105	E452A2A10K11C4H
767	2210501106	E452A2A10K11C4K
768	2210501107	E452A2A10K11C4L
769	2210501108	E452A2A10K11C4M
770	2210501113	E452A2A10K11E05
771	N/A	N/A
772	N/A	N/A
773	N/A	N/A
774	N/A	N/A
775	2210501128	E452A2A10K11R05
776	N/A	N/A
777	N/A	N/A
778	N/A	N/A
779	N/A	N/A
780	N/A	N/A
781	N/A	N/A
782	N/A	N/A
783	N/A	N/A
784	N/A	N/A
785	N/A	N/A
786	2210501139	E452A2A10K11R21
787	2210501140	E452A2A10K11R22
788	2210501141	E452A2A10K11R23
789	2210501142	E452A2A10K11R24
790	2210501143	E452A2A10K11R25
791	2210501144	E452A2A10K11R2A
792	2210501145	E452A2A10K11R2B
793	2210501146	E452A2A10K11R2C
794	2210501147	E452A2A10K11R2D
795	2210501148	E452A2A10K11R2E
796	2210501149	E452A2A10K11R2G
797	2210501150	E452A2A10K11R2H
798	2210501151	E452A2A10K11R2K
799	2210501152	E452A2A10K11R2L
800	2210501153	E452A2A10K11R2M

Pos.	Molex PN:	Engineering No.:
801	2210501154	E452A2A10K11S01
802	2210501155	E452A2A10K11S02
803	2210501156	E452A2A10K11S03
804	2210501157	E452A2A10K11S04
805	2210501158	E452A2A10K11S05
806	2210501159	E452A2A10K11S0A
807	2210501160	E452A2A10K11S0B
808	2210501161	E452A2A10K11S0C
809	2210501162	E452A2A10K11S0D
810	2210501163	E452A2A10K11S0E
811	2210501164	E452A2A10K11S0G
812	2210501165	E452A2A10K11S0K
813	2210501166	E452A2A10K11S0M
814	2210501167	E452A2A15011000
815	2210501168	E452A2A15011A11
816	2210501169	E452A2A15011A12
817	2210501170	E452A2A15011A13
818	2210501171	E452A2A15011A14
819	2210501172	E452A2A15011A15
820	2210501173	E452A2A15011A1A
821	2210501174	E452A2A15011A1B
822	2210501175	E452A2A15011A1C
823	2210501176	E452A2A15011A1D
824	2210501177	E452A2A15011A1E
825	2210501178	E452A2A15011A1G
826	2210501179	E452A2A15011A1H
827	2210501180	E452A2A15011A1K
828	2210501181	E452A2A15011A1L
829	2210501182	E452A2A15011A1M
830	2210501183	E452A2A15011C31
831	2210501184	E452A2A15011C32
832	2210501185	E452A2A15011C33
833	2210501186	E452A2A15011C34
834	2210501187	E452A2A15011C35
835	2210501188	E452A2A15011C3A
836	2210501189	E452A2A15011C3B
837	2210501190	E452A2A15011C3C
838	2210501191	E452A2A15011C3D
839	2210501192	E452A2A15011C3E
840	2210501193	E452A2A15011C3G

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP			molex									
mm		NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)							E452XXXXXXXXXXX DIN FORM A EN 175301-803									
	MM	INCH	EC NO: 714567 DRWN: SUGEEB 2022/07/18 CHK'D: GGA 2022/07/19 APPR: GGA 2022/07/19				PRODUCT CUSTOMER DRAWING									
4 PLACES	±	±														
3 PLACES	±	±				INITIAL REVISION: DRWN: JMARSZALEK 2012/08/27 APPR: MDYSZEWSKA 2012/08/20			DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
2 PLACES	±	±														
1 PLACE	±	±							SD-121050-001		PSD		001		E1	
0 PLACES	±	±														
ANGULAR TOL			±	°												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		121050		SEE TABLE		GENERAL MARKET		8 OF 41		

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/19	09:04:35
-----------------	----	--------------	------------	----------

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

Pos.	Molex PN:	Engineering No.:
1481	2210501932	E452A3A20011C4C
1482	2210501933	E452A3A20011C4D
1483	2210501934	E452A3A20011C4E
1484	2210501935	E452A3A20011C4G
1485	2210501936	E452A3A20011C4H
1486	2210501937	E452A3A20011C4K
1487	2210501938	E452A3A20011C4L
1488	2210501939	E452A3A20011C4M
1489	2210501944	E452A3A20011E05
1490	N/A	N/A
1491	N/A	N/A
1492	N/A	N/A
1493	N/A	N/A
1494	2210501959	E452A3A20011R05
1495	N/A	N/A
1496	N/A	N/A
1497	N/A	N/A
1498	N/A	N/A
1499	N/A	N/A
1500	N/A	N/A
1501	N/A	N/A
1502	N/A	N/A
1503	N/A	N/A
1504	N/A	N/A
1505	2210501970	E452A3A20011R21
1506	2210501971	E452A3A20011R22
1507	2210501972	E452A3A20011R23
1508	2210501973	E452A3A20011R24
1509	2210501974	E452A3A20011R25
1510	2210501975	E452A3A20011R2A
1511	2210501976	E452A3A20011R2B
1512	2210501977	E452A3A20011R2C
1513	2210501978	E452A3A20011R2D
1514	2210501979	E452A3A20011R2E
1515	2210501980	E452A3A20011R2G
1516	2210501981	E452A3A20011R2H
1517	2210501982	E452A3A20011R2K
1518	2210501983	E452A3A20011R2L
1519	2210501984	E452A3A20011R2M
1520	2210501985	E452A3A20011S01

Pos.	Molex PN:	Engineering No.:
1521	2210501986	E452A3A20011S02
1522	2210501987	E452A3A20011S03
1523	2210501988	E452A3A20011S04
1524	2210501989	E452A3A20011S05
1525	2210501990	E452A3A20011S0A
1526	2210501991	E452A3A20011S0B
1527	2210501992	E452A3A20011S0C
1528	2210501993	E452A3A20011S0D
1529	2210501994	E452A3A20011S0E
1530	2210501995	E452A3A20011S0G
1531	2210501996	E452A3A20011S0H
1532	2210501997	E452A3A20011S0K
1533	2210501998	E452A3A20011S0L
1534	2210501999	E452A3A20011S0M
1535	2210502000	E452A3A30011000
1536	2210502001	E452A3A30011A11
1537	2210502002	E452A3A30011A12
1538	2210502003	E452A3A30011A13
1539	2210502004	E452A3A30011A14
1540	2210502005	E452A3A30011A15
1541	2210502006	E452A3A30011A1A
1542	2210502007	E452A3A30011A1B
1543	2210502008	E452A3A30011A1C
1544	2210502009	E452A3A30011A1D
1545	2210502010	E452A3A30011A1E
1546	2210502011	E452A3A30011A1G
1547	2210502012	E452A3A30011A1H
1548	2210502013	E452A3A30011A1K
1549	2210502014	E452A3A30011A1L
1550	2210502015	E452A3A30011A1M
1551	2210502016	E452A3A30011C31
1552	2210502017	E452A3A30011C32
1553	2210502018	E452A3A30011C33
1554	2210502019	E452A3A30011C34
1555	2210502020	E452A3A30011C35
1556	2210502021	E452A3A30011C3A
1557	2210502022	E452A3A30011C3B
1558	2210502023	E452A3A30011C3C
1559	2210502024	E452A3A30011C3D
1560	2210502025	E452A3A30011C3E

Pos.	Molex PN:	Engineering No.:
1561	2210502026	E452A3A30011C3G
1562	2210502027	E452A3A30011C3H
1563	2210502028	E452A3A30011C3K
1564	2210502029	E452A3A30011C3L
1565	2210502030	E452A3A30011C3M
1566	2210502031	E452A3A30011C41
1567	2210502032	E452A3A30011C43
1568	2210502033	E452A3A30011C45
1569	2210502034	E452A3A30011C4A
1570	2210502035	E452A3A30011C4B
1571	2210502036	E452A3A30011C4C
1572	2210502037	E452A3A30011C4D
1573	2210502038	E452A3A30011C4E
1574	2210502039	E452A3A30011C4G
1575	2210502040	E452A3A30011C4K
1576	2210502041	E452A3A30011C4M
1577	2210502046	E452A3A30011E05
1578	N/A	N/A
1579	N/A	N/A
1580	N/A	N/A
1581	N/A	N/A
1582	2210502061	E452A3A30011R05
1583	N/A	N/A
1584	N/A	N/A
1585	N/A	N/A
1586	N/A	N/A
1587	N/A	N/A
1588	N/A	N/A
1589	N/A	N/A
1590	N/A	N/A
1591	N/A	N/A
1592	N/A	N/A
1593	2210502072	E452A3A30011R21
1594	2210502073	E452A3A30011R22
1595	2210502074	E452A3A30011R23
1596	2210502075	E452A3A30011R24
1597	2210502076	E452A3A30011R25
1598	2210502077	E452A3A30011R2A
1599	2210502078	E452A3A30011R2B
1600	2210502079	E452A3A30011R2C

Pos.	Molex PN:	Engineering No.:
1601	2210502080	E452A3A30011R2D
1602	2210502081	E452A3A30011R2E
1603	2210502082	E452A3A30011R2G
1604	2210502083	E452A3A30011R2H
1605	2210502084	E452A3A30011R2K
1606	2210502085	E452A3A30011R2M
1607	2210502086	E452A3A30011S01
1608	2210502087	E452A3A30011S02
1609	2210502088	E452A3A30011S03
1610	2210502089	E452A3A30011S04
1611	2210502090	E452A3A30011S05
1612	2210502091	E452A3A30011S0A
1613	2210502092	E452A3A30011S0B
1614	2210502093	E452A3A30011S0C
1615	2210502094	E452A3A30011S0D
1616	2210502095	E452A3A30011S0E
1617	2210502096	E452A3A30011S0G
1618	2210502097	E452A3A30011S0K
1619	2210502098	E452A3A30011S0L
1620	2210502099	E452A3A30011S0M
1621	2210502100	E452A3A50011000
1622	2210502101	E452A3A50011A11
1623	2210502102	E452A3A50011A12
1624	2210502103	E452A3A50011A13
1625	2210502104	E452A3A50011A14
1626	2210502105	E452A3A50011A15
1627	2210502106	E452A3A50011A1A
1628	2210502107	E452A3A50011A1B
1629	2210502108	E452A3A50011A1C
1630	2210502109	E452A3A50011A1D
1631	2210502110	E452A3A50011A1E
1632	2210502111	E452A3A50011A1G
1633	2210502112	E452A3A50011A1H
1634	2210502113	E452A3A50011A1K
1635	2210502114	E452A3A50011A1L
1636	2210502115	E452A3A50011A1M
1637	2210502116	E452A3A50011C31
1638	2210502117	E452A3A50011C32
1639	2210502118	E452A3A50011C33
1640	2210502119	E452A3A50011C34

FORMAT: Met-legal
REVISION: E
DATE: 2020/01/14

A

Pos.	Molex PN:	Engineering No.:
1761	2210502268	E452B2A10011R05
1762	N/A	N/A
1763	N/A	N/A
1764	N/A	N/A
1765	N/A	N/A
1766	N/A	N/A
1767	N/A	N/A
1768	N/A	N/A
1769	N/A	N/A
1770	N/A	N/A
1771	N/A	N/A
1772	2210502279	E452B2A10011R21
1773	2210502280	E452B2A10011R22
1774	2210502281	E452B2A10011R23
1775	2210502282	E452B2A10011R24
1776	2210502283	E452B2A10011R25
1777	2210502284	E452B2A10011R2A
1778	2210502285	E452B2A10011R2B
1779	2210502286	E452B2A10011R2C
1780	2210502287	E452B2A10011R2D
1781	2210502288	E452B2A10011R2E
1782	2210502289	E452B2A10011R2G
1783	2210502290	E452B2A10011R2H
1784	2210502291	E452B2A10011R2K
1785	2210502292	E452B2A10011R2L
1786	2210502293	E452B2A10011R2M
1787	2210502294	E452B2A10011S01
1788	2210502295	E452B2A10011S02
1789	2210502296	E452B2A10011S03
1790	2210502297	E452B2A10011S04
1791	2210502298	E452B2A10011S05
1792	2210502299	E452B2A10011S0A
1793	2210502300	E452B2A10011S0B
1794	2210502301	E452B2A10011S0C
1795	2210502302	E452B2A10011S0D
1796	2210502303	E452B2A10011S0E
1797	2210502304	E452B2A10011S0G
1798	2210502305	E452B2A10011S0H
1799	2210502306	E452B2A10011S0K
1800	2210502307	E452B2A10011S0L

FORMAT: Mat-lega-master-ib-prod-A3 REVISION: E DATE: 2026/01/14								
9	8	7	6	5	4	3	2	1

FORMAT: Mat-lega-master-05-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

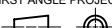
TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
2761	2210503408	E452B3A50011C4L
2762	2210503409	E452B3A50011C4M
2763	2210503414	E452B3A50011E05
2764	N/A	N/A
2765	N/A	N/A
2766	N/A	N/A
2767	N/A	N/A
2768	2210503429	E452B3A50011R05
2769	N/A	N/A
2770	N/A	N/A
2771	N/A	N/A
2772	N/A	N/A
2773	N/A	N/A
2774	N/A	N/A
2775	N/A	N/A
2776	N/A	N/A
2777	N/A	N/A
2778	N/A	N/A
2779	2210503440	E452B3A50011R21
2780	2210503441	E452B3A50011R22
2781	2210503442	E452B3A50011R23
2782	2210503443	E452B3A50011R24
2783	2210503444	E452B3A50011R25
2784	2210503445	E452B3A50011R2A
2785	2210503446	E452B3A50011R2B
2786	2210503447	E452B3A50011R2C
2787	2210503448	E452B3A50011R2D
2788	2210503449	E452B3A50011R2E
2789	2210503450	E452B3A50011R2G
2790	2210503451	E452B3A50011R2H
2791	2210503452	E452B3A50011R2K
2792	2210503453	E452B3A50011R2L
2793	2210503454	E452B3A50011R2M
2794	2210503455	E452B3A50011S01
2795	2210503456	E452B3A50011S02
2796	2210503457	E452B3A50011S03
2797	2210503458	E452B3A50011S04
2798	2210503459	E452B3A50011S05
2799	2210503460	E452B3A50011S0A
2800	2210503461	E452B3A50011S0B

Pos.	Molex PN:	Engineering No.:
2801	2210503462	E452B3A50011S0C
2802	2210503463	E452B3A50011S0D
2803	2210503464	E452B3A50011S0E
2804	2210503465	E452B3A50011S0G
2805	2210503466	E452B3A50011S0H
2806	2210503467	E452B3A50011S0K
2807	2210503468	E452B3A50011S0L
2808	2210503469	E452B3A50011S0M
2809	2210503470	E452I2N20011A11
2810	2210503471	E452I2N20011A12
2811	2210503472	E452I2N20011A13
2812	2210503473	E452I2N20011A14
2813	2210503474	E452I2N20011A15
2814	2210503475	E452I2N20011A1A
2815	2210503476	E452I2N20011A1B
2816	2210503477	E452I2N20011A1C
2817	2210503478	E452I2N20011A1D
2818	2210503479	E452I2N20011A1E
2819	2210503480	E452I2N20011A1G
2820	2210503481	E452I2N20011A1H
2821	2210503482	E452I2N20011A1K
2822	2210503483	E452I2N20011A1L
2823	2210503484	E452I2N20011A1M
2824	2210503485	E452I2N20011C31
2825	2210503486	E452I2N20011C32
2826	2210503487	E452I2N20011C33
2827	2210503488	E452I2N20011C34
2828	2210503489	E452I2N20011C35
2829	2210503490	E452I2N20011C3A
2830	2210503491	E452I2N20011C3B
2831	2210503492	E452I2N20011C3C
2832	2210503493	E452I2N20011C3D
2833	2210503494	E452I2N20011C3E
2834	2210503495	E452I2N20011C3G
2835	2210503497	E452I2N20011C3K
2836	2210503498	E452I2N20011C3L
2837	2210503499	E452I2N20011C3M
2838	2210503501	E452I2N10011000
2839	2210503502	E452I2N10011A11
2840	2210503503	E452I2N10011A12

Pos.	Molex PN:	Engineering No.:
2841	2210503504	E452I2N10011A13
2842	2210503505	E452I2N10011A14
2843	2210503506	E452I2N10011A15
2844	2210503507	E452I2N10011A1A
2845	2210503508	E452I2N10011A1B
2846	2210503509	E452I2N10011A1C
2847	2210503510	E452I2N10011A1D
2848	2210503511	E452I2N10011A1E
2849	2210503512	E452I2N10011A1G
2850	2210503513	E452I2N10011A1H
2851	2210503514	E452I2N10011A1K
2852	2210503515	E452I2N10011A1L
2853	2210503516	E452I2N10011A1M
2854	2210503517	E452I2N10011C31
2855	2210503518	E452I2N10011C32
2856	2210503519	E452I2N10011C33
2857	2210503520	E452I2N10011C34
2858	2210503521	E452I2N10011C35
2859	2210503522	E452I2N10011C3A
2860	2210503523	E452I2N10011C3B
2861	2210503524	E452I2N10011C3C
2862	2210503525	E452I2N10011C3D
2863	2210503526	E452I2N10011C3E
2864	2210503527	E452I2N10011C3G
2865	2210503528	E452I2N10011C3H
2866	2210503529	E452I2N10011C3K
2867	2210503530	E452I2N10011C3L
2868	2210503531	E452I2N10011C3M
2869	2210503532	E452I2N10011C41
2870	2210503533	E452I2N10011C43
2871	2210503534	E452I2N10011C44
2872	2210503535	E452I2N10011C45
2873	2210503536	E452I2N10011C4A
2874	2210503537	E452I2N10011C4B
2875	2210503538	E452I2N10011C4C
2876	2210503539	E452I2N10011C4D
2877	2210503540	E452I2N10011C4E
2878	2210503541	E452I2N10011C4G
2879	2210503542	E452I2N10011C4K
2880	2210503543	E452I2N10011C4L

Pos.	Molex PN:	Engineering No.:
2881	2210503544	E452I2N10011C4M
2882	2210503549	E452I2N10011E05
2883	N/A	N/A
2884	N/A	N/A
2885	N/A	N/A
2886	N/A	N/A
2887	2210503564	E452I2N10011R05
2888	N/A	N/A
2889	N/A	N/A
2890	N/A	N/A
2891	N/A	N/A
2892	N/A	N/A
2893	N/A	N/A
2894	N/A	N/A
2895	N/A	N/A
2896	N/A	N/A
2897	N/A	N/A
2898	2210503575	E452I2N10011R21
2899	2210503576	E452I2N10011R22
2900	2210503577	E452I2N10011R23
2901	2210503578	E452I2N10011R24
2902	2210503579	E452I2N10011R25
2903	2210503580	E452I2N10011R2A
2904	2210503581	E452I2N10011R2B
2905	2210503582	E452I2N10011R2C
2906	2210503583	E452I2N10011R2D
2907	2210503584	E452I2N10011R2E
2908	2210503585	E452I2N10011R2G
2909	2210503586	E452I2N10011R2H
2910	2210503587	E452I2N10011R2K
2911	2210503588	E452I2N10011R2L
2912	2210503589	E452I2N10011R2M
2913	2210503590	E452I2N10011S01
2914	2210503591	E452I2N10011S02
2915	2210503592	E452I2N10011S03
2916	2210503593	E452I2N10011S04
2917	2210503594	E452I2N10011S05
2918	2210503595	E452I2N10011S0A
2919	2210503596	E452I2N10011S0B
2920	2210503597	E452I2N10011S0C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP			molex E452XXXXXXXXXX DIN FORM A EN 175301-803												
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714567 DRWN: SUGEEB 2022/07/18 CHK'D: GGA 2022/07/19 APPR: GGA 2022/07/19			PRODUCT CUSTOMER DRAWING												
	MM		INCH																
4 PLACES		±		±	INITIAL REVISION: DRWN: JMARZALEK 2012/08/27 APPR: MDYSZSZEWSKA 2012/08/20			DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
3 PLACES		±		±				SD-121050-001		PSD		001		E1					
2 PLACES		±		±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			FIRST ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 121050		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 21 OF 41	
1 PLACE		±		±															
0 PLACES		±		±															
ANGULAR TOL ± °																			

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/19	09:04:35
-----------------	----	--------------	------------	----------

TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
2921	2210503598	E452I2N10011S0D
2922	2210503599	E452I2N10011S0E
2923	2210503600	E452I2N10011S0G
2924	2210503601	E452I2N10011S0H
2925	2210503602	E452I2N10011S0K
2926	2210503603	E452I2N10011S0L
2927	2210503604	E452I2N10011S0M
2928	2210503605	E452I2N10K11000
2929	2210503606	E452I2N10K11A11
2930	2210503607	E452I2N10K11A12
2931	2210503608	E452I2N10K11A13
2932	2210503609	E452I2N10K11A14
2933	2210503610	E452I2N10K11A15
2934	2210503611	E452I2N10K11A1A
2935	2210503612	E452I2N10K11A1B
2936	2210503613	E452I2N10K11A1C
2937	2210503614	E452I2N10K11A1D
2938	2210503615	E452I2N10K11A1E
2939	2210503616	E452I2N10K11A1G
2940	2210503617	E452I2N10K11A1H
2941	2210503618	E452I2N10K11A1K
2942	2210503619	E452I2N10K11A1L
2943	2210503620	E452I2N10K11A1M
2944	2210503621	E452I2N10K11C31
2945	2210503622	E452I2N10K11C32
2946	2210503623	E452I2N10K11C33
2947	2210503624	E452I2N10K11C34
2948	2210503625	E452I2N10K11C35
2949	2210503626	E452I2N10K11C3A
2950	2210503627	E452I2N10K11C3B
2951	2210503628	E452I2N10K11C3C
2952	2210503629	E452I2N10K11C3D
2953	2210503630	E452I2N10K11C3E
2954	2210503631	E452I2N10K11C3G
2955	2210503632	E452I2N10K11C3H
2956	2210503633	E452I2N10K11C3K
2957	2210503634	E452I2N10K11C3L
2958	2210503635	E452I2N10K11C3M
2959	2210503636	E452I2N10K11C41
2960	2210503637	E452I2N10K11C42

Pos.	Molex PN:	Engineering No.:
2961	2210503638	E452I2N10K11C43
2962	2210503639	E452I2N10K11C44
2963	2210503640	E452I2N10K11C45
2964	2210503641	E452I2N10K11C4A
2965	2210503642	E452I2N10K11C4B
2966	2210503643	E452I2N10K11C4C
2967	2210503644	E452I2N10K11C4D
2968	2210503645	E452I2N10K11C4E
2969	2210503646	E452I2N10K11C4G
2970	2210503647	E452I2N10K11C4K
2971	2210503648	E452I2N10K11C4L
2972	2210503649	E452I2N10K11C4M
2973	2210503654	E452I2N10K11E05
2974	N/A	N/A
2975	N/A	N/A
2976	N/A	N/A
2977	N/A	N/A
2978	2210503669	E452I2N10K11R05
2979	N/A	N/A
2980	N/A	N/A
2981	N/A	N/A
2982	N/A	N/A
2983	N/A	N/A
2984	N/A	N/A
2985	N/A	N/A
2986	N/A	N/A
2987	N/A	N/A
2988	N/A	N/A
2989	2210503680	E452I2N10K11R21
2990	2210503681	E452I2N10K11R22
2991	2210503682	E452I2N10K11R23
2992	2210503683	E452I2N10K11R24
2993	2210503684	E452I2N10K11R25
2994	2210503685	E452I2N10K11R2A
2995	2210503686	E452I2N10K11R2B
2996	2210503687	E452I2N10K11R2C
2997	2210503688	E452I2N10K11R2D
2998	2210503689	E452I2N10K11R2E
2999	2210503690	E452I2N10K11R2G
3000	2210503691	E452I2N10K11R2H

Pos.	Molex PN:	Engineering No.:
3001	2210503692	E452I2N10K11R2K
3002	2210503693	E452I2N10K11R2L
3003	2210503694	E452I2N10K11R2M
3004	2210503695	E452I2N10K11S01
3005	2210503696	E452I2N10K11S02
3006	2210503697	E452I2N10K11S03
3007	2210503698	E452I2N10K11S04
3008	2210503699	E452I2N10K11S05
3009	2210503700	E452I2N10K11S0A
3010	2210503701	E452I2N10K11S0B
3011	2210503702	E452I2N10K11S0C
3012	2210503703	E452I2N10K11S0D
3013	2210503704	E452I2N10K11S0E
3014	2210503705	E452I2N10K11S0G
3015	2210503706	E452I2N10K11S0H
3016	2210503707	E452I2N10K11S0K
3017	2210503708	E452I2N10K11S0L
3018	2210503709	E452I2N10K11S0M
3019	2210503710	E452I2N15011000
3020	2210503711	E452I2N15011A11
3021	2210503712	E452I2N15011A12
3022	2210503713	E452I2N15011A13
3023	2210503714	E452I2N15011A14
3024	2210503715	E452I2N15011A15
3025	2210503716	E452I2N15011A1A
3026	2210503717	E452I2N15011A1B
3027	2210503718	E452I2N15011A1C
3028	2210503719	E452I2N15011A1D
3029	2210503720	E452I2N15011A1E
3030	2210503721	E452I2N15011A1G
3031	2210503722	E452I2N15011A1H
3032	2210503723	E452I2N15011A1K
3033	2210503724	E452I2N15011A1L
3034	2210503725	E452I2N15011A1M
3035	2210503726	E452I2N15011C31
3036	2210503727	E452I2N15011C32
3037	2210503728	E452I2N15011C33
3038	2210503729	E452I2N15011C34
3039	2210503730	E452I2N15011C35
3040	2210503731	E452I2N15011C3A

Pos.	Molex PN:	Engineering No.:
3041	2210503732	E452I2N15011C3B
3042	2210503733	E452I2N15011C3C
3043	2210503734	E452I2N15011C3D
3044	2210503735	E452I2N15011C3E
3045	2210503736	E452I2N15011C3G
3046	2210503737	E452I2N15011C3K
3047	2210503738	E452I2N15011C3L
3048	2210503739	E452I2N15011C3M
3049	2210503740	E452I2N15011C41
3050	2210503741	E452I2N15011C42
3051	2210503742	E452I2N15011C43
3052	2210503743	E452I2N15011C44
3053	2210503744	E452I2N15011C45
3054	2210503745	E452I2N15011C4A
3055	2210503746	E452I2N15011C4B
3056	2210503747	E452I2N15011C4C
3057	2210503748	E452I2N15011C4D
3058	2210503749	E452I2N15011C4E
3059	2210503750	E452I2N15011C4G
3060	2210503751	E452I2N15011C4H
3061	2210503752	E452I2N15011C4K
3062	2210503753	E452I2N15011C4L
3063	2210503754	E452I2N15011C4M
3064	2210503759	E452I2N15011E05
3065	N/A	N/A
3066	N/A	N/A
3067	N/A	N/A
3068	N/A	N/A
3069	2210503774	E452I2N15011R05
3070	N/A	N/A
3071	N/A	N/A
3072	N/A	N/A
3073	N/A	N/A
3074	N/A	N/A
3075	N/A	N/A
3076	N/A	N/A
3077	N/A	N/A
3078	N/A	N/A
3079	N/A	N/A
3080	2210503785	E452I2N15011R21

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

121050

CURRENT REV DESC: REVISION CREATED FOR
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

molex

E452XXXXXXXXXX

DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

22 OF 41

10	9	8	7	6	5	4	3	2	1
TABLE 3 - PART LIST									
Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	
3081	2210503786	E452I2N15011R22	3121	2210503826	E452I2N20011C4G	3161	2210503879	E452I2N20011S0A	
3082	2210503787	E452I2N15011R23	3122	2210503827	E452I2N20011C4K	3162	2210503880	E452I2N20011S0B	
3083	2210503788	E452I2N15011R24	3123	2210503828	E452I2N20011C4L	3163	2210503881	E452I2N20011S0C	
3084	2210503789	E452I2N15011R25	3124	2210503829	E452I2N20011C4M	3164	2210503882	E452I2N20011S0D	
3085	2210503790	E452I2N15011R2A	3125	2210503833	E452I2N20011E05	3165	2210503883	E452I2N20011S0E	
3086	2210503791	E452I2N15011R2B	3126	N/A	N/A	3166	2210503884	E452I2N20011S0G	
3087	2210503792	E452I2N15011R2C	3127	N/A	N/A	3167	2210503885	E452I2N20011S0H	
3088	2210503793	E452I2N15011R2D	3128	N/A	N/A	3168	2210503886	E452I2N20011S0K	
3089	2210503794	E452I2N15011R2E	3129	N/A	N/A	3169	2210503887	E452I2N20011S0L	
3090	2210503795	E452I2N15011R2G	3130	2210503848	E452I2N20011R05	3170	2210503888	E452I2N20011S0M	
3091	2210503796	E452I2N15011R2H	3131	N/A	N/A	3171	2210503889	E452I2N20011S00	
3092	2210503797	E452I2N15011R2K	3132	N/A	N/A	3172	2210503890	E452I2N30011A11	
3093	2210503798	E452I2N15011R2L	3133	N/A	N/A	3173	2210503891	E452I2N30011A12	
3094	2210503799	E452I2N15011R2M	3134	N/A	N/A	3174	2210503892	E452I2N30011A13	
3095	2210503800	E452I2N15011S01	3135	N/A	N/A	3175	2210503893	E452I2N30011A14	
3096	2210503801	E452I2N15011S02	3136	N/A	N/A	3176	2210503894	E452I2N30011A15	
3097	2210503802	E452I2N15011S03	3137	N/A	N/A	3177	2210503895	E452I2N30011A1A	
3098	2210503803	E452I2N15011S04	3138	N/A	N/A	3178	2210503896	E452I2N30011A1B	
3099	2210503804	E452I2N15011S05	3139	N/A	N/A	3179	2210503897	E452I2N30011A1C	
3100	2210503805	E452I2N15011S0A	3140	N/A	N/A	3180	2210503898	E452I2N30011A1D	
3101	2210503806	E452I2N15011S0B	3141	2210503859	E452I2N20011R21	3181	2210503899	E452I2N30011A1E	
3102	2210503807	E452I2N15011S0C	3142	2210503860	E452I2N20011R22	3182	2210503900	E452I2N30011A1G	
3103	2210503808	E452I2N15011S0D	3143	2210503861	E452I2N20011R23	3183	2210503901	E452I2N30011A1H	
3104	2210503809	E452I2N15011S0E	3144	2210503862	E452I2N20011R24	3184	2210503902	E452I2N30011A1K	
3105	2210503810	E452I2N15011S0G	3145	2210503863	E452I2N20011R25	3185	2210503903	E452I2N30011A1L	
3106	2210503811	E452I2N15011S0H	3146	2210503864	E452I2N20011R2A	3186	2210503904	E452I2N30011A1M	
3107	2210503812	E452I2N15011S0K	3147	2210503865	E452I2N20011R2B	3187	2210503905	E452I2N30011C31	
3108	2210503813	E452I2N15011S0L	3148	2210503866	E452I2N20011R2C	3188	2210503906	E452I2N30011C33	
3109	2210503814	E452I2N15011S0M	3149	2210503867	E452I2N20011R2D	3189	2210503907	E452I2N30011C34	
3110	2210503815	E452I2N20011000	3150	2210503868	E452I2N20011R2E	3190	2210503908	E452I2N30011C35	
3111	2210503816	E452I2N20011C41	3151	2210503869	E452I2N20011R2G	3191	2210503909	E452I2N30011C3A	
3112	2210503817	E452I2N20011C42	3152	2210503870	E452I2N20011R2H	3192	2210503910	E452I2N30011C3B	
3113	2210503818	E452I2N20011C43	3153	2210503871	E452I2N20011R2K	3193	2210503911	E452I2N30011C3C	
3114	2210503819	E452I2N20011C44	3154	2210503872	E452I2N20011R2L	3194	2210503912	E452I2N30011C3D	
3115	2210503820	E452I2N20011C45	3155	2210503873	E452I2N20011R2M	3195	2210503913	E452I2N30011C3E	
3116	2210503821	E452I2N20011C4A	3156	2210503874	E452I2N20011S01	3196	2210503914	E452I2N30011C3G	
3117	2210503822	E452I2N20011C4B	3157	2210503875	E452I2N20011S02	3197	2210503915	E452I2N30011C3K	
3118	2210503823	E452I2N20011C4C	3158	2210503876	E452I2N20011S03	3198	2210503916	E452I2N30011C3L	
3119	2210503824	E452I2N20011C4D	3159	2210503877	E452I2N20011S04	3199	2210503917	E452I2N30011C3M	
3120	2210503825	E452I2N20011C4E	3160	2210503878	E452I2N20011S05	3200	2210503918	E452I2N30011C41	

	10	9	8	7	6	5	4	3	2	1	
F	TABLE 3 - PART LIST										F
E											E
D											D
C											C
B											B
A											A

TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
3561	2210504335	E452I4N15011C4C
3562	2210504336	E452I4N15011C4D
3563	2210504337	E452I4N15011C4E
3564	2210504338	E452I4N15011C4G
3565	2210504339	E452I4N15011C4K
3566	2210504340	E452I4N15011C4L
3567	2210504341	E452I4N15011C4M
3568	2210504346	E452I4N15011E05
3569	N/A	N/A
3570	N/A	N/A
3571	N/A	N/A
3572	N/A	N/A
3573	2210504361	E452I4N15011R05
3574	N/A	N/A
3575	N/A	N/A
3576	N/A	N/A
3577	N/A	N/A
3578	N/A	N/A
3579	N/A	N/A
3580	N/A	N/A
3581	N/A	N/A
3582	N/A	N/A
3583	N/A	N/A
3584	2210504372	E452I4N15011R21
3585	2210504373	E452I4N15011R23
3586	2210504374	E452I4N15011R24
3587	2210504375	E452I4N15011R25
3588	2210504376	E452I4N15011R2A
3589	2210504377	E452I4N15011R2B
3590	2210504378	E452I4N15011R2C
3591	2210504379	E452I4N15011R2D
3592	2210504380	E452I4N15011R2E
3593	2210504381	E452I4N15011R2G
3594	2210504382	E452I4N15011R2H
3595	2210504383	E452I4N15011R2K
3596	2210504384	E452I4N15011R2L
3597	2210504385	E452I4N15011R2M
3598	2210504386	E452I4N15011S01
3599	2210504387	E452I4N15011S02
3600	2210504388	E452I4N15011S03

Pos.	Molex PN:	Engineering No.:
3601	2210504389	E452I4N15011S04
3602	2210504390	E452I4N15011S05
3603	2210504391	E452I4N15011S0A
3604	2210504392	E452I4N15011S0B
3605	2210504393	E452I4N15011S0C
3606	2210504394	E452I4N15011S0D
3607	2210504395	E452I4N15011S0E
3608	2210504396	E452I4N15011S0G
3609	2210504397	E452I4N15011S0H
3610	2210504398	E452I4N15011S0K
3611	2210504399	E452I4N15011S0L
3612	2210504400	E452I4N15011S0M
3613	2210504401	E452I4N20011000
3614	2210504402	E452I4N20011A11
3615	2210504403	E452I4N20011A12
3616	2210504404	E452I4N20011A13
3617	2210504405	E452I4N20011A14
3618	2210504406	E452I4N20011A15
3619	2210504407	E452I4N20011A1A
3620	2210504408	E452I4N20011A1B
3621	2210504409	E452I4N20011A1C
3622	2210504410	E452I4N20011A1D
3623	2210504411	E452I4N20011A1E
3624	2210504412	E452I4N20011A1G
3625	2210504413	E452I4N20011A1H
3626	2210504414	E452I4N20011A1K
3627	2210504415	E452I4N20011A1L
3628	2210504416	E452I4N20011A1M
3629	2210504417	E452I4N20011C31
3630	2210504418	E452I4N20011C32
3631	2210504419	E452I4N20011C33
3632	2210504420	E452I4N20011C34
3633	2210504421	E452I4N20011C35
3634	2210504422	E452I4N20011C3A
3635	2210504423	E452I4N20011C3C
3636	2210504424	E452I4N20011C3D
3637	2210504425	E452I4N20011C3E
3638	2210504426	E452I4N20011C3G
3639	2210504427	E452I4N20011C3K
3640	2210504428	E452I4N20011C3L

Pos.	Molex PN:	Engineering No.:
3641	2210504429	E452I4N20011C3M
3642	2210504430	E452I4N20011C41
3643	2210504431	E452I4N20011C42
3644	2210504432	E452I4N20011C43
3645	2210504433	E452I4N20011C44
3646	2210504434	E452I4N20011C45
3647	2210504435	E452I4N20011C4A
3648	2210504436	E452I4N20011C4B
3649	2210504437	E452I4N20011C4C
3650	2210504438	E452I4N20011C4D
3651	2210504439	E452I4N20011C4E
3652	2210504440	E452I4N20011C4G
3653	2210504441	E452I4N20011C4K
3654	2210504442	E452I4N20011C4L
3655	2210504443	E452I4N20011C4M
3656	2210504448	E452I4N20011E05
3657	N/A	N/A
3658	N/A	N/A
3659	N/A	N/A
3660	N/A	N/A
3661	2210504463	E452I4N20011R05
3662	N/A	N/A
3663	N/A	N/A
3664	N/A	N/A
3665	N/A	N/A
3666	N/A	N/A
3667	N/A	N/A
3668	N/A	N/A
3669	N/A	N/A
3670	N/A	N/A
3671	N/A	N/A
3672	2210504474	E452I4N20011R21
3673	2210504475	E452I4N20011R22
3674	2210504476	E452I4N20011R23
3675	2210504477	E452I4N20011R24
3676	2210504478	E452I4N20011R25
3677	2210504479	E452I4N20011R2A
3678	2210504480	E452I4N20011R2B
3679	2210504481	E452I4N20011R2C
3680	2210504482	E452I4N20011R2D

Pos.	Molex PN:	Engineering No.:
3681	2210504483	E452I4N20011R2E
3682	2210504484	E452I4N20011R2G
3683	2210504485	E452I4N20011R2H
3684	2210504486	E452I4N20011R2K
3685	2210504487	E452I4N20011R2L
3686	2210504488	E452I4N20011R2M
3687	2210504489	E452I4N20011S01
3688	2210504490	E452I4N20011S02
3689	2210504491	E452I4N20011S03
3690	2210504492	E452I4N20011S04
3691	2210504493	E452I4N20011S05
3692	2210504494	E452I4N20011S0A
3693	2210504495	E452I4N20011S0B
3694	2210504496	E452I4N20011S0C
3695	2210504497	E452I4N20011S0D
3696	2210504498	E452I4N20011S0E
3697	2210504499	E452I4N20011S0G
3698	2210504500	E452I4N20011S0H
3699	2210504501	E452I4N20011S0K
3700	2210504502	E452I4N20011S0L
3701	2210504503	E452I4N20011S0M
3702	2210504504	E452I4N30011000
3703	2210504505	E452I4N30011A11
3704	2210504506	E452I4N30011A12
3705	2210504507	E452I4N30011A13
3706	2210504508	E452I4N30011A14
3707	2210504509	E452I4N30011A15
3708	2210504510	E452I4N30011A1A
3709	2210504511	E452I4N30011A1B
3710	2210504512	E452I4N30011A1C
3711	2210504513	E452I4N30011A1D
3712	2210504514	E452I4N30011A1E
3713	2210504515	E452I4N30011A1K
3714	2210504516	E452I4N30011A1L
3715	2210504517	E452I4N30011A1M
3716	2210504518	E452I4N30011C32
3717	2210504519	E452I4N30011C33
3718	2210504520	E452I4N30011C34
3719	2210504521	E452I4N30011C35
3720	2210504522	E452I4N30011C3A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

CURRENT REV DESC: REVISION CREATED FOR
REMOVING PRE-RELEASE STAMP

EC NO: 714567
DRWN: SUGEEB
CHK'D: GGA
APPR: GGA

2022/07/18
2022/07/19
2022/07/19

INITIAL REVISION:
DRWN: JMARSZALEK
APPR: MDYSZEWSKA

2012/08/27
2012/08/20

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

26 OF 41

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

A3-SIZE

121050

Pos.	Molex PN:	Engineering No.:
3841	2210504699	E452N2N10011A1C
3842	2210504700	E452N2N10011A1D
3843	2210504701	E452N2N10011A1E
3844	2210504702	E452N2N10011A1G
3845	2210504703	E452N2N10011A1H
3846	2210504704	E452N2N10011A1K
3847	2210504705	E452N2N10011A1L
3848	2210504706	E452N2N10011A1M
3849	2210504707	E452N2N10011C31
3850	2210504708	E452N2N10011C32
3851	2210504709	E452N2N10011C33
3852	2210504710	E452N2N10011C34
3853	2210504711	E452N2N10011C35
3854	2210504712	E452N2N10011C3A
3855	2210504713	E452N2N10011C3B
3856	2210504714	E452N2N10011C3C
3857	2210504715	E452N2N10011C3D
3858	2210504716	E452N2N10011C3E
3859	2210504717	E452N2N10011C3G
3860	2210504718	E452N2N10011C3H
3861	2210504719	E452N2N10011C3K
3862	2210504720	E452N2N10011C3L
3863	2210504721	E452N2N10011C3M
3864	2210504722	E452N2N10011C41
3865	2210504723	E452N2N10011C42
3866	2210504724	E452N2N10011C43
3867	2210504725	E452N2N10011C44
3868	2210504726	E452N2N10011C45
3869	2210504727	E452N2N10011C4A
3870	2210504728	E452N2N10011C4B
3871	2210504729	E452N2N10011C4C
3872	2210504730	E452N2N10011C4E
3873	2210504731	E452N2N10011C4G
3874	2210504732	E452N2N10011C4H
3875	2210504733	E452N2N10011C4K
3876	2210504734	E452N2N10011C4L
3877	2210504735	E452N2N10011C4M
3878	2210504740	E452N2N10011E05
3879	2210504755	E452N2N10011R05
3880	2210504766	E452N2N10011R21

FORMAT: Met-lega-master-lb-prod-A3 REVISION: E DATE: 2020/01/14	9	8
---	---	---

4	3	2	1
---	---	---	---

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

Pos.	Molex PN:	Engineering No.:
4601	2210505757	E452N3N30011R23
4602	2210505758	E452N3N30011R24
4603	2210505759	E452N3N30011R25
4604	2210505760	E452N3N30011R2A
4605	2210505761	E452N3N30011R2B
4606	2210505762	E452N3N30011R2C
4607	2210505763	E452N3N30011R2D
4608	2210505764	E452N3N30011R2E
4609	2210505765	E452N3N30011R2G
4610	2210505766	E452N3N30011R2K
4611	2210505767	E452N3N30011R2L
4612	2210505768	E452N3N30011R2M
4613	2210505769	E452N3N30011S01
4614	2210505770	E452N3N30011S02
4615	2210505771	E452N3N30011S03
4616	2210505772	E452N3N30011S04
4617	2210505773	E452N3N30011S05
4618	2210505774	E452N3N30011S0A
4619	2210505775	E452N3N30011S0B
4620	2210505776	E452N3N30011S0C
4621	2210505777	E452N3N30011S0E
4622	2210505778	E452N3N30011S0G
4623	2210505779	E452N3N30011S0H
4624	2210505780	E452N3N30011S0K
4625	2210505781	E452N3N30011S0L
4626	2210505782	E452N3N30011S0M
4627	2210505783	E452N3N50011000
4628	2210505784	E452N3N50011A11
4629	2210505785	E452N3N50011A12
4630	2210505786	E452N3N50011A13
4631	2210505787	E452N3N50011A14
4632	2210505788	E452N3N50011A15
4633	2210505789	E452N3N50011A1A
4634	2210505790	E452N3N50011A1C
4635	2210505791	E452N3N50011A1D
4636	2210505792	E452N3N50011A1E
4637	2210505793	E452N3N50011A1G
4638	2210505794	E452N3N50011A1H
4639	2210505795	E452N3N50011A1K
4640	2210505796	E452N3N50011A1L

FORMAT: Met-lega-master-lb-prod-A3 REVISION: E DATE: 2020/01/14	9	8
---	---	---

4	3	2	1
---	---	---	---

Pos.	Molex PN:	Engineering No.:
4761	2210505973	E452N4N10011S0B
4762	2210505974	E452N4N10011S0C
4763	2210505975	E452N4N10011S0D
4764	2210505976	E452N4N10011S0E
4765	2210505977	E452N4N10011S0G
4766	2210505978	E452N4N10011S0H
4767	2210505979	E452N4N10011S0K
4768	2210505980	E452N4N10011S0L
4769	2210505981	E452N4N10011S0M
4770	2210505982	E452N4N10K11000
4771	2210505983	E452N4N10K11A11
4772	2210505984	E452N4N10K11A12
4773	2210505985	E452N4N10K11A13
4774	2210505986	E452N4N10K11A14
4775	2210505987	E452N4N10K11A15
4776	2210505988	E452N4N10K11A1A
4777	2210505989	E452N4N10K11A1B
4778	2210505990	E452N4N10K11A1C
4779	2210505991	E452N4N10K11A1D
4780	2210505992	E452N4N10K11A1E
4781	2210505993	E452N4N10K11A1G
4782	2210505994	E452N4N10K11A1H
4783	2210505995	E452N4N10K11A1K
4784	2210505996	E452N4N10K11A1L
4785	2210505997	E452N4N10K11A1M
4786	2210505998	E452N4N10K11C31
4787	2210505999	E452N4N10K11C32
4788	2210506000	E452N4N10K11C33
4789	2210506001	E452N4N10K11C34
4790	2210506002	E452N4N10K11C35
4791	2210506003	E452N4N10K11C3A
4792	2210506004	E452N4N10K11C3B
4793	2210506005	E452N4N10K11C3C
4794	2210506006	E452N4N10K11C3D
4795	2210506007	E452N4N10K11C3E
4796	2210506008	E452N4N10K11C3G
4797	2210506009	E452N4N10K11C3H
4798	2210506010	E452N4N10K11C3K
4799	2210506011	E452N4N10K11C3L
4800	2210506012	E452N4N10K11C3M

FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

4	3	2	1
---	---	---	---

	10	9	8	7	6	5	4	3	2	1																																																																									
F	TABLE 3 - PART LIST										F																																																																								
E	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:																																																																							
	4961	2210506229	E452N4N20011C45	5001	2210506297	E452N4N20011S0K	5041	2210506337	E452N4N30011C4B	5081	2210506405	E452N4N30011S0M																																																																							
	4962	2210506230	E452N4N20011C4A	5002	2210506298	E452N4N20011S0L	5042	2210506338	E452N4N30011C4C	5082	2210506406	E452N4N50011000																																																																							
	4963	2210506231	E452N4N20011C4B	5003	2210506299	E452N4N20011S0M	5043	2210506339	E452N4N30011C4D	5083	2210506407	E452N4N50011A11																																																																							
	4964	2210506232	E452N4N20011C4C	5004	2210506300	E452N4N30011000	5044	2210506340	E452N4N30011C4E	5084	2210506408	E452N4N50011A12																																																																							
	4965	2210506233	E452N4N20011C4D	5005	2210506301	E452N4N30011A11	5045	2210506341	E452N4N30011C4G	5085	2210506409	E452N4N50011A13																																																																							
	4966	2210506234	E452N4N20011C4E	5006	2210506302	E452N4N30011A12	5046	2210506342	E452N4N30011C4H	5086	2210506410	E452N4N50011A14																																																																							
	4967	2210506235	E452N4N20011C4G	5007	2210506303	E452N4N30011A13	5047	2210506343	E452N4N30011C4K	5087	2210506411	E452N4N50011A15																																																																							
	4968	2210506236	E452N4N20011C4H	5008	2210506304	E452N4N30011A14	5048	2210506344	E452N4N30011C4L	5088	2210506412	E452N4N50011A1A																																																																							
	4969	2210506237	E452N4N20011C4K	5009	2210506305	E452N4N30011A15	5049	2210506345	E452N4N30011C4M	5089	2210506413	E452N4N50011A1B																																																																							
D	4970	2210506238	E452N4N20011C4L	5010	2210506306	E452N4N30011A1A	5050	2210506350	E452N4N30011E05	5090	2210506414	E452N4N50011A1C																																																																							
	4971	2210506239	E452N4N20011C4M	5011	2210506307	E452N4N30011A1B	5051	2210506365	E452N4N30011R05	5091	2210506415	E452N4N50011A1D																																																																							
	4972	2210506244	E452N4N20011E05	5012	2210506308	E452N4N30011A1C	5052	2210506376	E452N4N30011R21	5092	2210506416	E452N4N50011A1E																																																																							
	4973	2210506259	E452N4N20011R05	5013	2210506309	E452N4N30011A1D	5053	2210506377	E452N4N30011R22	5093	2210506417	E452N4N50011A1G																																																																							
	4974	2210506270	E452N4N20011R21	5014	2210506310	E452N4N30011A1E	5054	2210506378	E452N4N30011R23	5094	2210506418	E452N4N50011A1H																																																																							
	4975	2210506271	E452N4N20011R22	5015	2210506311	E452N4N30011A1G	5055	2210506379	E452N4N30011R24	5095	2210506419	E452N4N50011A1K																																																																							
	4976	2210506272	E452N4N20011R23	5016	2210506312	E452N4N30011A1H	5056	2210506380	E452N4N30011R25	5096	2210506420	E452N4N50011A1L																																																																							
	4977	2210506273	E452N4N20011R24	5017	2210506313	E452N4N30011A1K	5057	2210506381	E452N4N30011R2A	5097	2210506421	E452N4N50011A1M																																																																							
	4978	2210506274	E452N4N20011R25	5018	2210506314	E452N4N30011A1L	5058	2210506382	E452N4N30011R2B	5098	2210506422	E452N4N50011C31																																																																							
	4979	2210506275	E452N4N20011R2A	5019	2210506315	E452N4N30011A1M	5059	2210506383	E452N4N30011R2C	5099	2210506423	E452N4N50011C32																																																																							
C	4980	2210506276	E452N4N20011R2B	5020	2210506316	E452N4N30011C31	5060	2210506384	E452N4N30011R2D	5100	2210506424	E452N4N50011C33																																																																							
	4981	2210506277	E452N4N20011R2C	5021	2210506317	E452N4N30011C32	5061	2210506385	E452N4N30011R2E	5101	2210506425	E452N4N50011C34																																																																							
	4982	2210506278	E452N4N20011R2D	5022	2210506318	E452N4N30011C33	5062	2210506386	E452N4N30011R2G	5102	2210506426	E452N4N50011C35																																																																							
	4983	2210506279	E452N4N20011R2E	5023	2210506319	E452N4N30011C34	5063	2210506387	E452N4N30011R2H	5103	2210506427	E452N4N50011C3A																																																																							
	4984	2210506280	E452N4N20011R2G	5024	2210506320	E452N4N30011C35	5064	2210506388	E452N4N30011R2K	5104	2210506428	E452N4N50011C3B																																																																							
	4985	2210506281	E452N4N20011R2H	5025	2210506321	E452N4N30011C3A	5065	2210506389	E452N4N30011R2L	5105	2210506429	E452N4N50011C3C																																																																							
	4986	2210506282	E452N4N20011R2K	5026	2210506322	E452N4N30011C3B	5066	2210506390	E452N4N30011R2M	5106	2210506430	E452N4N50011C3D																																																																							
	4987	2210506283	E452N4N20011R2L	5027	2210506323	E452N4N30011C3C	5067	2210506391	E452N4N30011S01	5107	2210506431	E452N4N50011C3E																																																																							
	4988	2210506284	E452N4N20011R2M	5028	2210506324	E452N4N30011C3D	5068	2210506392	E452N4N30011S02	5108	2210506432	E452N4N50011C3G																																																																							
	4989	2210506285	E452N4N20011S01	5029	2210506325	E452N4N30011C3E	5069	2210506393	E452N4N30011S03	5109	2210506433	E452N4N50011C3H																																																																							
B	4990	2210506286	E452N4N20011S02	5030	2210506326	E452N4N30011C3G	5070	2210506394	E452N4N30011S04	5110	2210506434	E452N4N50011C3K																																																																							
	4991	2210506287	E452N4N20011S03	5031	2210506327	E452N4N30011C3H	5071	2210506395	E452N4N30011S05	5111	2210506435	E452N4N50011C3L																																																																							
	4992	2210506288	E452N4N20011S04	5032	2210506328	E452N4N30011C3K	5072	2210506396	E452N4N30011S0A	5112	2210506436	E452N4N50011C3M																																																																							
	4993	2210506289	E452N4N20011S05	5033	2210506329	E452N4N30011C3L	5073	2210506397	E452N4N30011S0B	5113	2210506437	E452N4N50011C41																																																																							
	4994	2210506290	E452N4N20011S0A	5034	2210506330	E452N4N30011C3M	5074	2210506398	E452N4N30011S0C	5114	2210506438	E452N4N50011C42																																																																							
	4995	2210506291	E452N4N20011S0B	5035	2210506331	E452N4N30011C41	5075	2210506399	E452N4N30011S0D	5115	2210506439	E452N4N50011C43																																																																							
	4996	2210506292	E452N4N20011S0C	5036	2210506332	E452N4N30011C42	5076	2210506400	E452N4N30011S0E	5116	2210506440	E452N4N50011C44																																																																							
	4997	2210506293	E452N4N20011S0D	5037	2210506333	E452N4N30011C43	5077	2210506401	E452N4N30011S0G	5117	2210506441	E452N4N50011C45																																																																							
	4998	2210506294	E452N4N20011S0E	5038	2210506334	E452N4N30011C44	5078	2210506402	E452N4N30011S0H	5118	2210506442	E452N4N50011C4A																																																																							
	4999	2210506295	E452N4N20011S0G	5039	2210506335	E452N4N30011C45	5079	2210506403	E452N4N30011S0K	5119	2210506443	E452N4N50011C4B																																																																							
A	5000	2210506296	E452N4N20011S0H	5040	2210506336	E452N4N30011C4A	5080	2210506404	E452N4N30011S0L	5120	2210506444	E452N4N50011C4C																																																																							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td>DIMENSION UNITS</td><td>SCALE</td><td colspan="2" rowspan="2">CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP</td><td colspan="4" rowspan="2"> molex E452XXXXXXXXXX DIN FORM A EN 175301-803 </td></tr><tr><td>mm</td><td>NTS</td></tr><tr><td colspan="2" rowspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2"></td><td colspan="4" rowspan="2">EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA</td></tr><tr><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td><td>±</td><td colspan="4" rowspan="2">INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>±</td><td>±</td><td colspan="2" rowspan="2">DOCUMENT NUMBER</td><td rowspan="2">DOC TYPE</td><td rowspan="2">DOC PART</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td><td>±</td><td colspan="2" rowspan="2">SHEET NUMBER</td><td rowspan="5">PSD</td><td rowspan="5">001</td></tr><tr><td colspan="2">ANGULAR TOL</td><td>±</td><td>°</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>FIRST ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td colspan="2"></td><td></td><td>A3-SIZE</td><td>121050</td><td>SEE TABLE</td><td colspan="2" rowspan="2">GENERAL MARKET</td></tr></table>												DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXX DIN FORM A EN 175301-803				mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA				MM	INCH	4 PLACES	±	±	±	INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA				3 PLACES	±	±	±	2 PLACES	±	±	±	DOCUMENT NUMBER		DOC TYPE	DOC PART	1 PLACE	±	±	±	0 PLACES	±	±	±	SHEET NUMBER		PSD	001	ANGULAR TOL		±	°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER					A3-SIZE	121050	SEE TABLE	GENERAL MARKET	
DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXX DIN FORM A EN 175301-803																																																																															
mm	NTS																																																																																		
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA																																																																															
		MM	INCH																																																																																
4 PLACES	±	±	±	INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA																																																																															
3 PLACES	±	±	±																																																																																
2 PLACES	±	±	±	DOCUMENT NUMBER		DOC TYPE	DOC PART																																																																												
1 PLACE	±	±	±																																																																																
0 PLACES	±	±	±	SHEET NUMBER		PSD	001																																																																												
ANGULAR TOL		±	°																																																																																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER			CUSTOMER																																																																											
			A3-SIZE	121050	SEE TABLE			GENERAL MARKET																																																																											
DOCUMENT STATUS P1 RELEASE DATE 2022/07/19 09:04:35																																																																																			
	9	8	7	6	5	4	3	2	1																																																																										

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---	---

