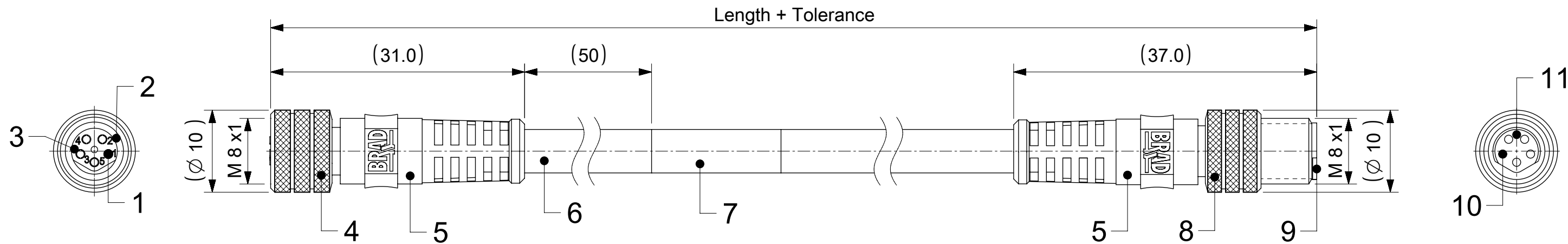


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT

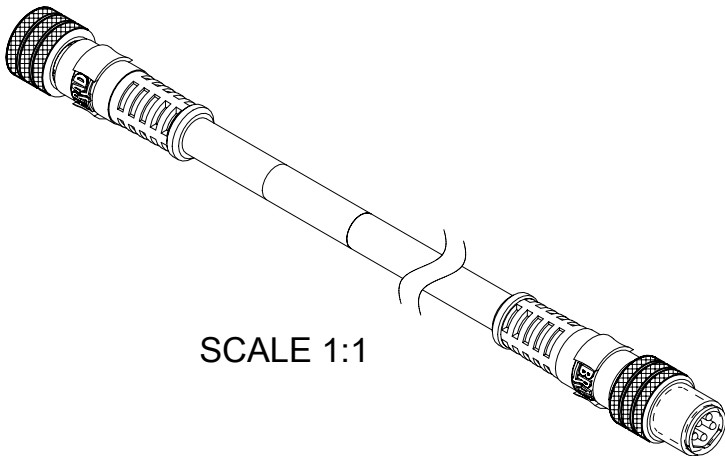


NOTES:

- RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC
- CURRENT RATING: 3, 4, 5 contacts 3A
- PROTECTION CLASS: IP 67 in mated and locked position.
- TEMPERATURE: SEE CABLE INFORMATION
- INSULATION RESISTANCE: 10⁸ Ω MIN.
- MATING CYCLES: MIN. 100
- PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

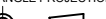
CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
MALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY
CODING ACCORDING TO IEC 61076-2-104						



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	1	INSERT MALE BLACK	TPU	---
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	SLEEVE	BRASS	NICKEL
8	1	COUPLING NUT M8 MALE	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT M8 FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		molex CSE M8 M8 XP AC BC FE STR MA STR XM PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1200878240 DOC TYPE PSD DOC PART 000 REVISION A19 MATERIAL NUMBER SEE PART LIST CUSTOMER GENERAL MARKET SHEET NUMBER 1 OF 4						
	mm		2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
	ANGULAR TOL ± 1.0 °										
	4 PLACES ±										
	3 PLACES ±										
	2 PLACES ± 0.05										
	1 PLACE ± 0.3										
	0 PLACES ± 0.5										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
DIVISIONAL SYMBOLS		EC NO: 830554				2025/08/01					
		DRWN: VHANDI				2025/08/04					
		CHK'D: THAERDT				2025/08/04					
		APPR: THAERDT				2025/08/04					
		INITIAL REVISION:									
		DRWN: JMARSZALEK				2016/09/15					
		APPR: RSILLER				2017/01/11					
		THIRD ANGLE PROJECTION		DRAWING		SERIES					
				A3-SIZE		120087					

F



D

C

A

B

1

FORMAT: master-tb-prod-A3
REVISION: J 10

10	9	8	7	6	5	4	3	2	1								
PART LIST																	
F	MOLEX P/N	ENGINEERING No.	L[m]	MOLEX P/N	ENGINEERING No.	L[m]	MOLEX P/N	ENGINEERING No.	L[m]								
	3P CABLE H08			4P CABLE H08			3P CABLE E02										
	1200878982	443030H08M003H	0.3m	1200878124	444030H08M003	0.3m	1200878272	443030E02M002G	0.2m								
	1200878558	443030H08M006	0.6m	1200878997	444030H08M003H	0.3m	1200878273	443030E02M003	0.3m								
	1200879035	443030H08M006H	0.6m	1200878951	444030H08C350	0.35m	1200878576	443030E02M003H	0.3m								
	1200878500	443030H08M010	1m	1200878559	444030H08M006	0.6m	1200878809	443030E02M0039H	0.3m								
	1200879036	443030H08M010H	1m	1200879007	444030H08M006H	0.6m	1200875035	443030E02M006	0.6m								
	1200878983	443030H08M015H	1.5m	1200878952	444030H08C750	0.75m	1200878538	443030E02M006Y	0.6m								
	1200878149	443030H08M020	2m	1200878495	444030H08M010	1m	1200878642	443030E02M006H	0.6m								
	1200879056	443030H08M020H	2m	1200879004	444030H08M010H	1m	1200878258	443030E02M010	1m								
E	1200878540	443030H08M020Y	2m	1200878987	444030H08M015H	1.5m	1200878643	443030E02M010H	1m								
	1200879037	443030H08M025H	2.5m	1200878356	444030H08M020	2m	1200878280	443030E02M010G	1m								
	1200878126	443030H08M030	3m	1200879003	444030H08M020H	2m	1200878541	443030E02M010Y	1m								
	1200879090	443030H08M035H	3.5m	1200878988	444030H08M025H	2.5m	1200878281	443030E02M012G	1.2m								
	1200878998	443030H08M030H	3m	1200878941	444030H08M030	3m	1200878274	443030E02M015	1.5m								
	1200878166	443030H08M040	4m	1200879010	444030H08M030H	3m	1200878689	443030E02M015H	1.5m								
	1200879001	443030H08M040H	4m	1200879052	444030H08M035H	3.5m	1200878850	443030E02M0159H	1.5m								
	1200878984	443030H08M045H	4.5m	1200879053	444030H08M040H	4m	1200280321	443030E02M020	2m								
	1200878127	443030H08M050	5m	1200879100	444030H08M045H	4.5m	1200878535	443030E02M020Y	2m								
	1200878999	443030H08M050H	5m	1200878509	444030H08M050	5m	1200878644	443030E02M020H	2m								
D	1200878539	443030H08M050Y	5m	1200879054	444030H08M050H	5m	1200281282	443030E02M025	2.5m								
	1200878636	443030H08M055	5.5m	1200879094	444030H08M055H	5.5m	1200878275	443030E02M025H	2.5m								
	1200878699	443030H08M055H	5.5m	1200879074	444030H08M060H	6m	1200280343	443030E02M030	3m								
	1200879080	443030H08M060	6m	1200879095	444030H08M065H	6.5m	1200878645	443030E02M030H	3m								
	1200879055	443030H08M060H	6m	1200879096	444030H08M070H	7m	1200280464	443030E02M040	4m								
	1200878808	443030H08M065H	6.5m	1200879103	443030H08M070H	7m	1200878537	443030E02M040Y	4m								
	1200878985	443030H08M065	6.5m	1200879097	444030H08M075H	7.5m	1200878655	443030E02M040H	4m								
	1200878986	443030H08M075H	7.5m	1200879098	444030H08M080H	8m	1200280462	443030E02M050	5m								
	1200878626	443030H08M080	8m	1200878843	444030H08M100	10m	1200878536	443030E02M050Y	5m								
	1200879050	443030H08M080H	8m	1200878844	444030H08M250	25m	1200878276	443030E02M050H	5m								
C	1200878978	443030H08M100	10m	5P CABLE H08			1200878277	443030E02M060	6m								
	1200879081	443030H08M120	12m	1200878847	445030H08M006	0.6m	1200878663	443030E02M060H	6m								
	1200879082	443030H08M140	14m	1200271413	445030H08M010	1m	1200878494	443030E02M070	7m								
	1200879083	443030H08M160	16m	1200878946	445030H08M020	2m	1200878635	443030E02M080	8m								
	1200879084	443030H08M180	18m	1200878980	445030H08M030	3m	1200878671	443030E02M080H	8m								
	1200879085	443030H08M200	20m	1200878627	445030H08M040	4m	1200878278	443030E02M100	10m								
	1200879086	443030H08M220	22m	1200878947	445030H08M050	5m	1200878834	443030E02M1009H	10m								
	1200879087	443030H08M240	24m				1200878279	443030E02M150	15m								
							1200878923	443030E02M1509H	15m								
B																	
A																	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED TWO NEW PNS' 1200879100 & 1200879103 TO THE DRAWING.		molex											
DIVISIONAL SYMBOLS		CURRENT REV DESC: ADDED TWO NEW PNS' 1200879100 & 1200879103 TO THE DRAWING.		EC NO: 830554		CSE M8 M8 XP AC BC FE STR MA STR XM											
DIVISIONAL SYMBOLS		EC NO: 830554		DRWN: VHANDI		PRODUCT CUSTOMER DRAWING											
DIVISIONAL SYMBOLS		DRWN: VHANDI		CHK'D: THAERDT		INITIAL REVISION:											
DIVISIONAL SYMBOLS		CHK'D: THAERDT		APPR: THAERDT		DOCUMENT NUMBER		DOC TYPE	DOC PART								
DIVISIONAL SYMBOLS		APPR: THAERDT		INITIAL REVISION:		1200878240		PSD	000								
DIVISIONAL SYMBOLS		INITIAL REVISION:		DRWN: JMARSZALEK		2016/09/15		A19									
DIVISIONAL SYMBOLS		DRWN: JMARSZALEK		APPR: RSILLER		2017/01/11											
DIVISIONAL SYMBOLS		APPR: RSILLER		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER								
DIVISIONAL SYMBOLS		THIRD ANGLE PROJECTION		DRAWING		A3-SIZE	120087	SEE PART LIST									
DIVISIONAL SYMBOLS		DRAWING		A3-SIZE		120087		GENERAL MARKET									
DIVISIONAL SYMBOLS		A3-SIZE		120087		GENERAL MARKET		3 OF 4									
DOCUMENT STATUS																	
P1																	
RELEASE DATE																	
2025/08/04																	
13:33:39																	
10	9	8	7	6	5	4	3	2	1								

PART LIST

MOLEX P/N	ENGINEERING No.	L[m]
3P CABLE P02		
1200878292	443030P02M003	0.3m
1200878141	443030P02M006	0.6m
1200878140	443030P02M010	1m
1200878596	443030P02M010H	1m
1200878293	443030P02M015	1.5m
1200878294	443030P02M020	2m
1200878295	443030P02M025	2.5m
1200878296	443030P02M030	3m
1200878297	443030P02M030G	3m
1200878298	443030P02M035	3.5m
1200878299	443030P02M040	4m
1200878233	443030P02M050	5m
1200878300	443030P02M060	6m
1200878301	443030P02M070	7m
1200878234	443030P02M100	10m
1200878302	443030P02M150	15m
4P CABLE P02		
1200878357	444030P02M003	0.3m
1200878358	444030P02M006	0.6m
1200878359	444030P02M010	1m
1200878360	444030P02M020	2m
1200878361	444030P02M030	3m
1200878362	444030P02M050	5m
1200878812	444030P02M100	10m
5P CABLE P02		
1200870687	445030P02M006	0.6m
1200281309	445030P02M010	1m
1200878035	445030P02M020	2m
1200870688	445030P02M030	3m
1200878036	445030P02M040	4m
1200281310	445030P02M050	5m
1200878037	445030P02M100	10m
1200878139	445030P02M250	25m

MOLEX P/N	ENGINEERING No.	L[m]
3P CABLE I02		
1200878282	443030I02M003	0.3m
1200280384	443030I02M006	0.6m
1200280427	443030I02M010	1m
1200878283	443030I02M015	1.5m
1200878284	443030I02M020	2m
1200878285	443030I02M030	3m
1200878286	443030I02M040	4m
1200878287	443030I02M050	5m
1200878288	443030I02M060	6m
1200878289	443030I02M070	7m
1200878290	443030I02M100	10m
1200878291	443030I02M150	15m

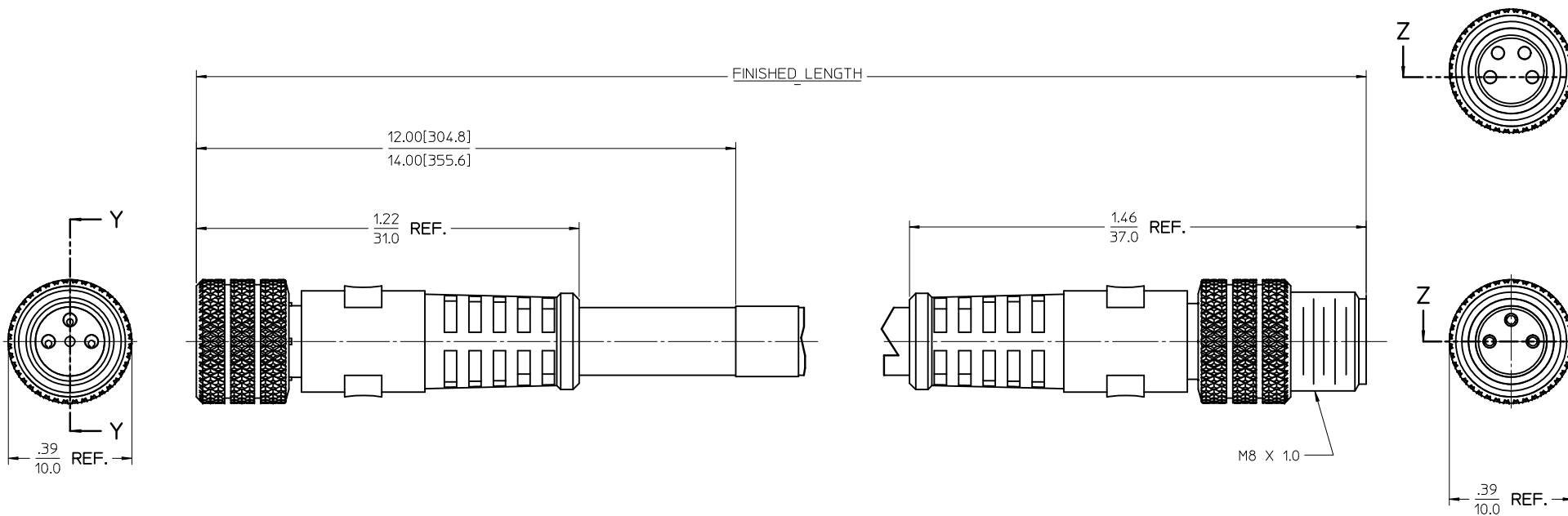
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1200281222	443030P82M003	0.3m
1200878025	443030P82M006	0.6m

MOLEX P/N	ENGINEERING No.	L[m]
5P CABLE H70		
1200888155	445030H70M020	2m

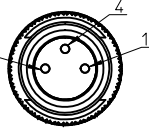
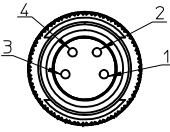
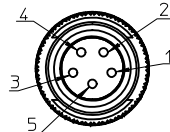
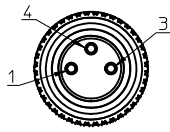
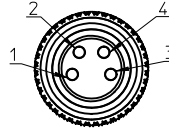
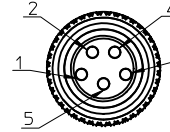
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
		DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED TWO NEW PNS' 1200879100 & 1200879103 TO THE DRAWING.				molex					
		mm		1:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE M8 M8 XP AC BC FE STR MA STR XM									
		ANGULAR TOL ± 1.0°													
		4 PLACES		±		EC NO: 830554 DRWN: VHANDI 2025/08/01 CHK'D: THAERDT 2025/08/04 APPR: THAERDT 2025/08/04				PRODUCT: CUSTOMER DRAWING					
		3 PLACES		±											
		2 PLACES		± 0.05		INITIAL REVISION: DRWN: JMARSALEK 2016/09/15 APPR: RSILR 2017/01/11				DOCUMENT NUMBER 1200878240		DOC TYPE PSD	DOC PART 000	REVISION A19	
		1 PLACE		± 0.3											
		0 PLACES		± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE	SERIES 120087	MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET	

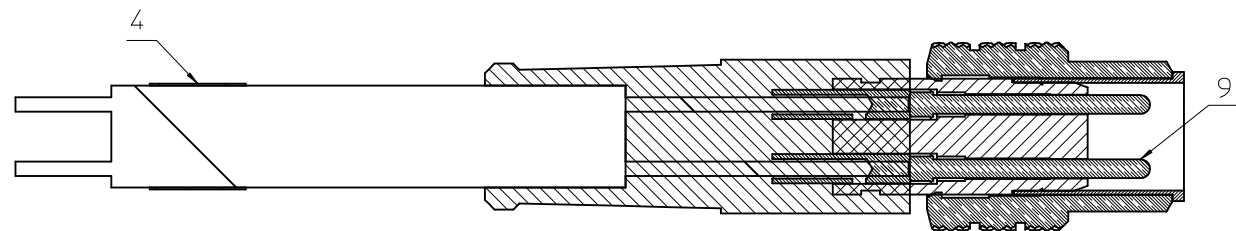
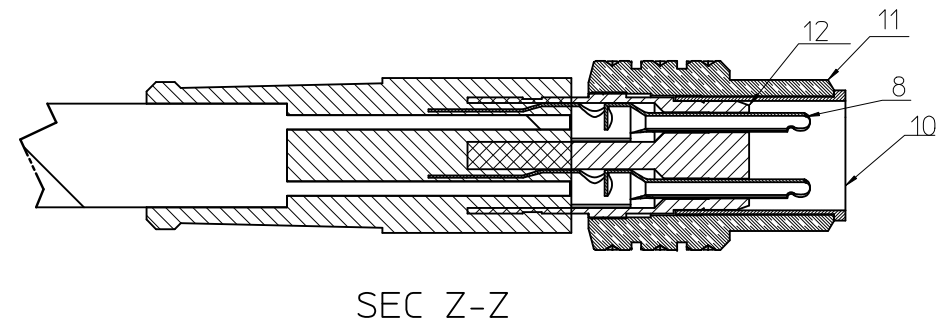
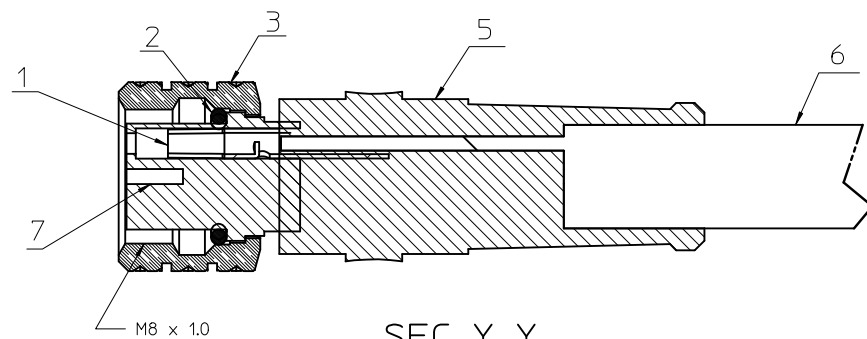
DOCUMENT STATUS	P1	RELEASE DATE	2025/08/04	13:33:39
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13 12 11 10 9 8 7 6 5 4 3 2 1



ENTER DESCRIPTION EC NO: WEU2012-0001 2011/07/06 DRWN:RSCHIEBER CHKD:REISSNER 2011/07/13 APPR:CBURGER 2011/07/20			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
						DRAWN BY BWOODMAN	DATE 18/08/09	CSE M8 XP MA FE STR PUR PVC UN				
						CHECKED BY RSTONE	DATE 18/08/09					
						APPROVED BY JFMURPHY	DATE 18/08/09	MOLEX INCORPORATED				
						MATERIAL NO.	DOCUMENT NO.					
B	REV	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 3		SD-120028-001					
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

13	12	11	10	9	8	7	6	5	4	3	2	1
FEMALE INSERT FRONT VIEW				MALE INSERT FRONT VIEW								
3 POLE	4 POLE	5 POLE		3 POLE	4 POLE	5 POLE						
												
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY		1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY						



SECTION Z-Z
FOR 4-5 PLOE ONLY
[4 POLE SHOWN]

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: WEU2012-0001		 	mm		IN/MM		DRAWN BY	DATE	5:1	INCH	 THIRD ANGLE PROJECTION
2011/07/06			4 PLACES	± ---	± ---	BWOODMAN	18/08/09	TITLE			
2011/07/13			3 PLACES	± ---	± ---	CHECKED BY	DATE				
2011/07/20			2 PLACES	± ---	± .01	RSTONE	18/08/09				
APPR: CBURGER			1 PLACE	± 0.3	± ---	APPROVED BY	DATE				
REV		ANGULAR ±1/2°		JFMURPHY		18/08/09	 MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE SHEET 3		SD-120028-001		2 OF 3			
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

PART NUMBER	DESCRIPTION	FINISHED LENGTH	MATERIAL
1200878141	443030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200878140	443030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878293	443030P02M015	1.5M +56MM -0 [4' 11" +2.2" -0]	PUR
1200878294	443030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200878296	443030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200878299	443030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200878233	443030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200878358	444030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200878359	444030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878360	444030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200878361	444030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200870686	444030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200878362	444030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200870687	445030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200281309	445030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878035	445030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200870688	445030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200878036	445030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200281310	445030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200875035	443030E02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PVC
1200878274	443030E02M015	1.5M +56MM -0 [4' 11" +2.2" -0]	PVC
1200280462	443030E02M050	5M +150MM -0 [16' 4" +6" -0]	PVC

				FEMALE INSERT ASSEMBLY			MALE INSERT ASSEMBLY		
				3 POLE	4 POLE	5 POLE	3 POLE	4 POLE	5 POLE
SL.No	DESCRIPTION	MATERIAL	FINISH	QTY			QTY		
1	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED	3	4	5			
2	O-RING	VITON	RED	1	1	1			
3	COUPLING NUT	BRASS	NICKEL PLATED						
4	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1	1	1	1
5	OVER MOLD	TPE	YELLOW						
6	CABLE, 24 AWG, 3 CONDUCTOR	PUR JACKET	BLACK	1			1		
	CABLE, 24 AWG, 3 CONDUCTOR	PVC JACKET	BLACK	1			1		
	CABLE, 24 AWG, 4 CONDUCTOR	PUR JACKET	BLACK		1			1	
	CABLE, 24 AWG, 5 CONDUCTOR	PUR JACKET	BLACK			1			1
7	INSERT FEMALE 3 POLE	PUR	BLACK	1					
	INSERT FEMALE 4 POLE	PUR	BLACK		1				
	INSERT FEMALE 5 POLE	PUR	BLACK			1			
8	STAMP & FORM CONTACT	COPPER ALLOY	GOLD PLATED				3		
9	SCREW MACHINE CONTACT	COPPER ALLOY	GOLD PLATED					4	5
10	SLEEVE	BRASS	NICKEL PLATED				1	1	1
11	COUPLING NUT	BRASS	NICKEL PLATED				1	1	1
12	INSERT MALE 3 POLE	PUR	BLACK				1		
	INSERT MALE 4 POLE	PUR	BLACK					1	
	INSERT MALE 5 POLE	PUR	BLACK						1

SPECIFICATION
Protection Class - IP67
Voltage Rating - 3 Pole/60V, 4+5 Pole/30V
Contact Current Rating - 3 Amps
Wires: 0.25mm² PVC/PUR

ENTER DESCRIPTION EC NO: WEU2012-0001 DRAWN:RSCHIEBER 2011/07/06 CHKD:REI SSNER 2011/07/13 APPR:CBURGER 2011/07/20			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA FE STR PUR PVC UN	
				4 PLACES	± ---	± ---	CHECKED BY RSTONE	DATE 18/08/09		
				3 PLACES	± ---	± ---	APPROVED BY JFMURPHY	DATE 18/08/09		
2 PLACES	± ---	± .01	ANGULAR ±1/2°		DOCUMENT NO. SD-120028-001		SHEET NO. 3 OF 3			
1 PLACE	± 0.3	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
B	REV			SEE CHART						
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				