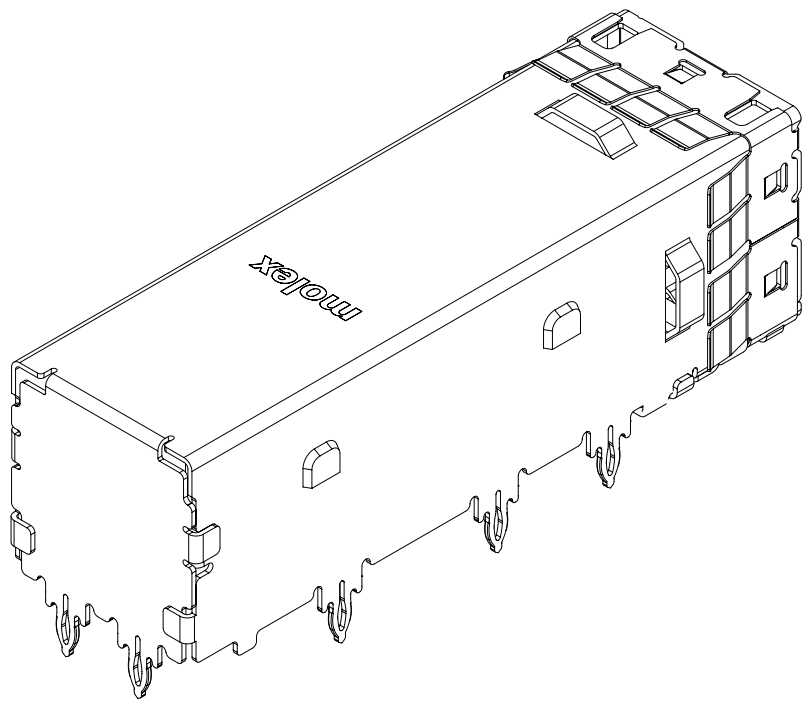
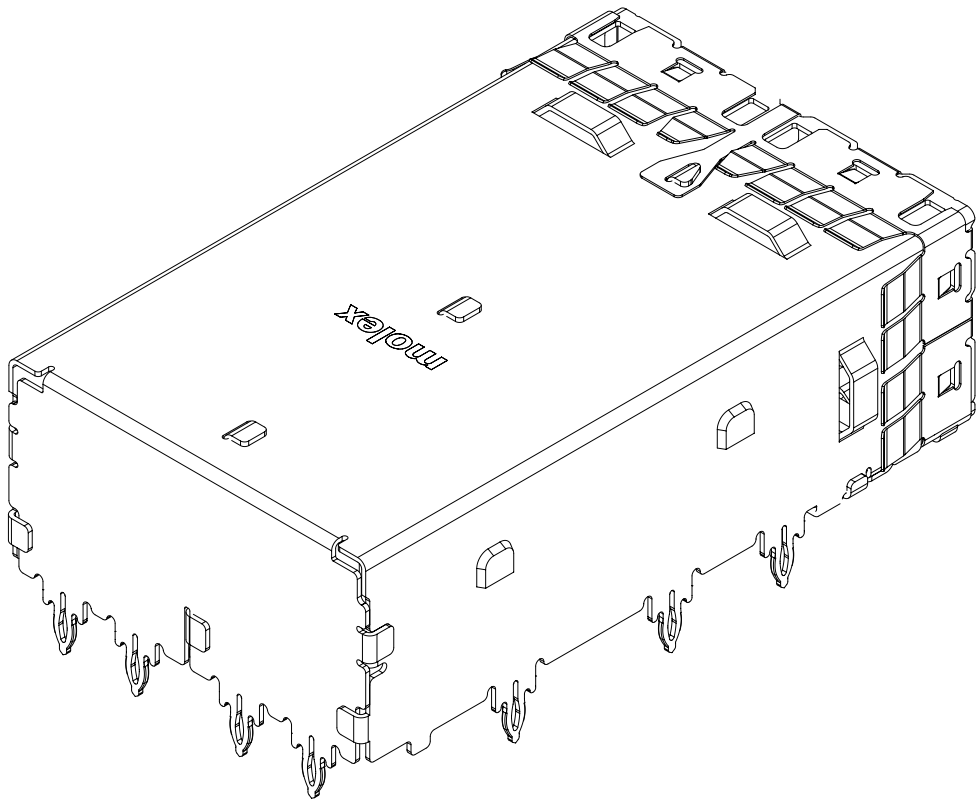
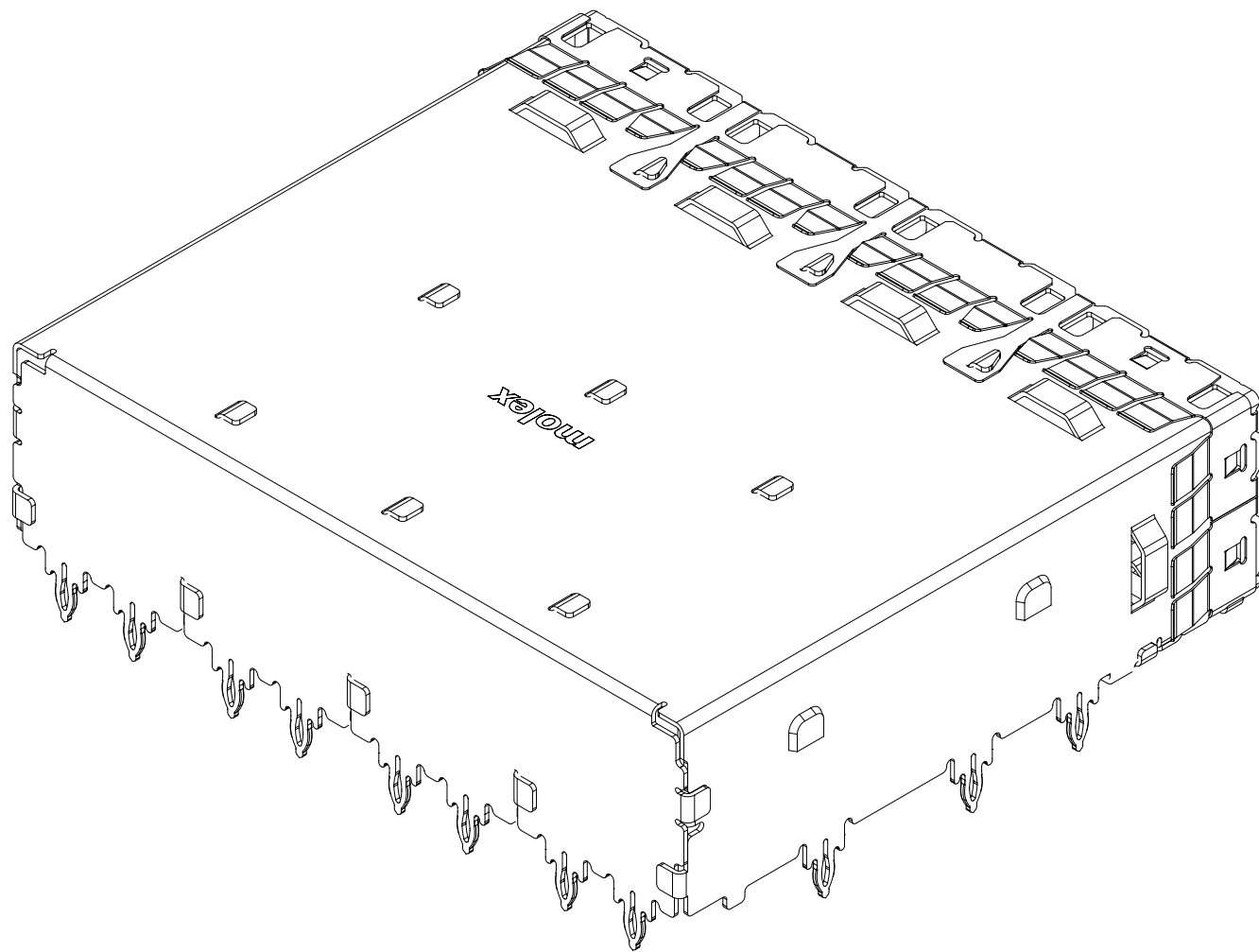




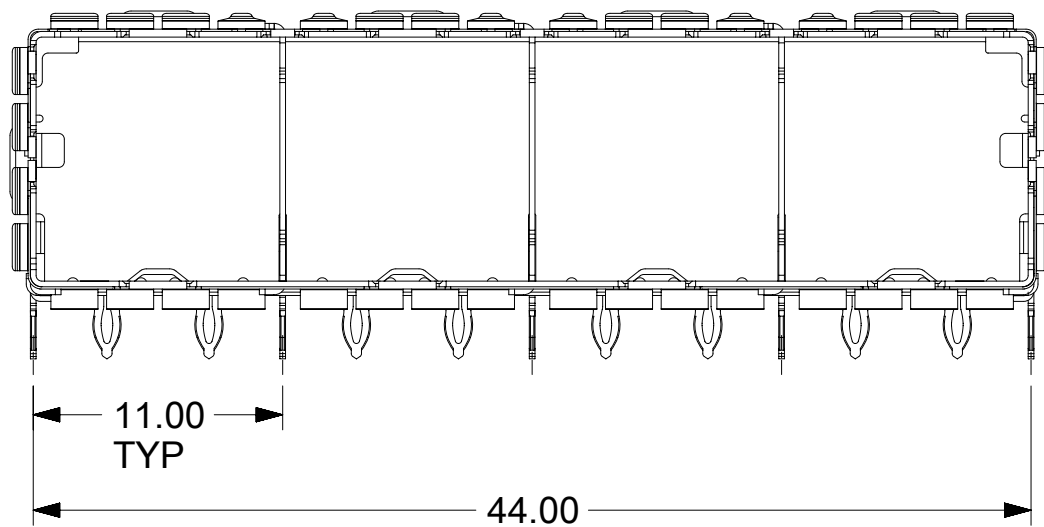
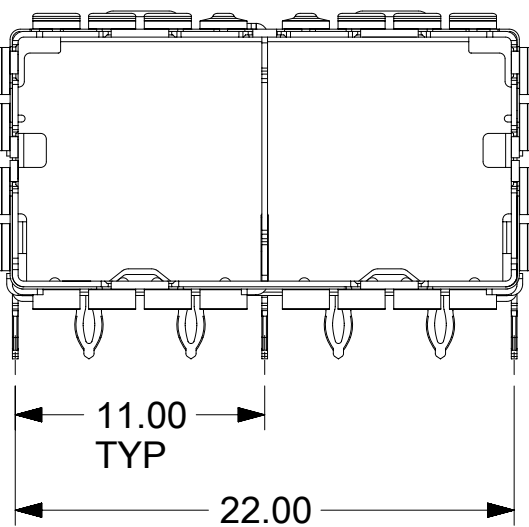
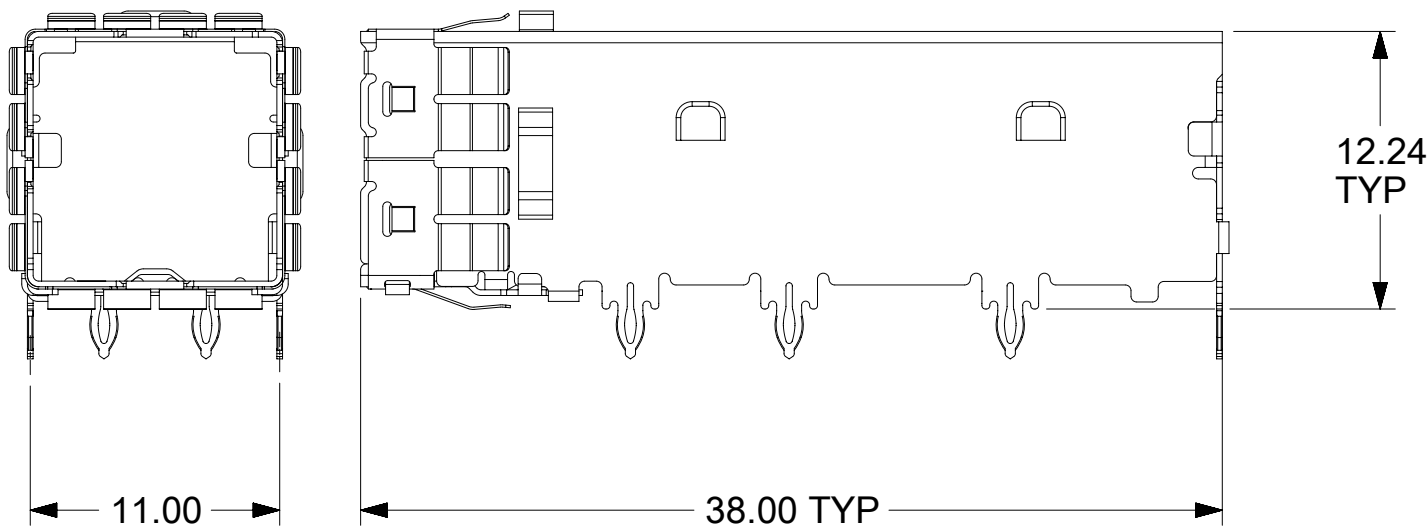
1X1



1X2



1X4



- NOTES:
- 1. MATERIALS:
EMI CAGE: STAINLESS STEEL
EMI FINGERS: COPPER ALLOY
 - 2. FINISHES:
EMI FINGERS: 0.50µM MIN NICKEL
 - 3. FOR FOOTPRINT AND ASSEMBLY INFORMATION REFER TO
SALES DRAWING: PDD 1724731111
 - 4. MOUNTING INFORMATION REFER TO
APPLICATION SPECIFICATION 1724730001
 - 5. PACKAGING SPECIFICATION: PDD 1724738000
 - 6. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC
SPECIFICATION PS-45499-002

CONFIGURATION	MATERIAL NUMBER
1X1	1724735001
1X2	1724735002
1X4	1724735004

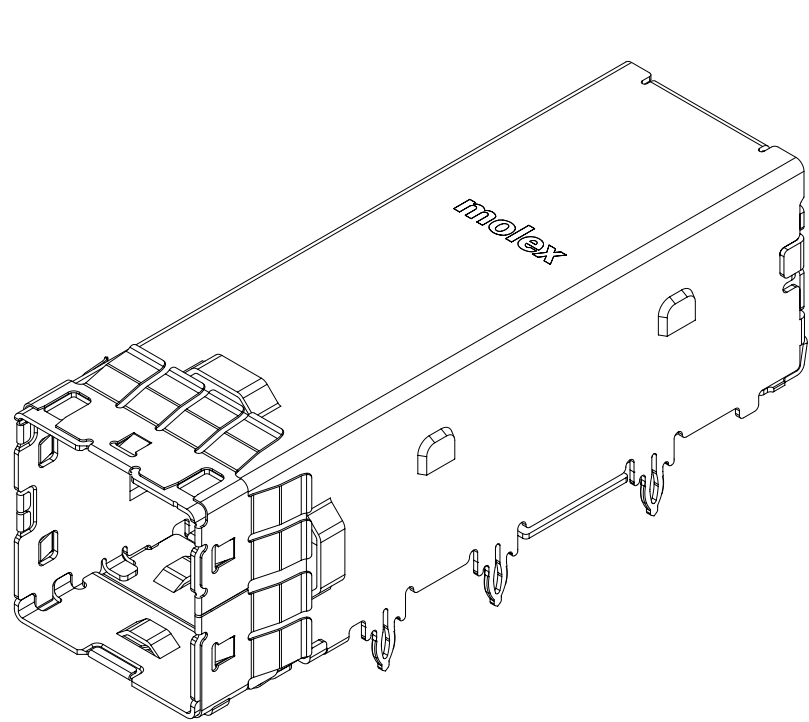
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 178504 DRWN: AKOLAK 2018/06/28 CHK'D: TMCCLLELAND 2018/06/28 APPR: TMCCLLELAND 2018/06/28 INITIAL REVISION: DRWN: AKOLAK 2018/04/10 APPR: TMCCLLELAND 2018/06/27				molex IPASS ZHD RA SMT EXTERNAL CAGE SD								
	mm		3:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0 °								PRODUCT CUSTOMER DRAWING								
	4 PLACES ±		±										DOCUMENT NUMBER 1724730012		DOC TYPE PSD	DOC PART 000	REVISION A1
	3 PLACES ±		± 0.1														
	2 PLACES ±		± 0.15														
	1 PLACE ±		± 0.25														
	0 PLACES ±		±														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER
						C-SIZE		172473		SEE TABLE		GENERAL MARKET		1 OF 1			

IPASS ZHD RA SMT EXTERNAL CAGE SD

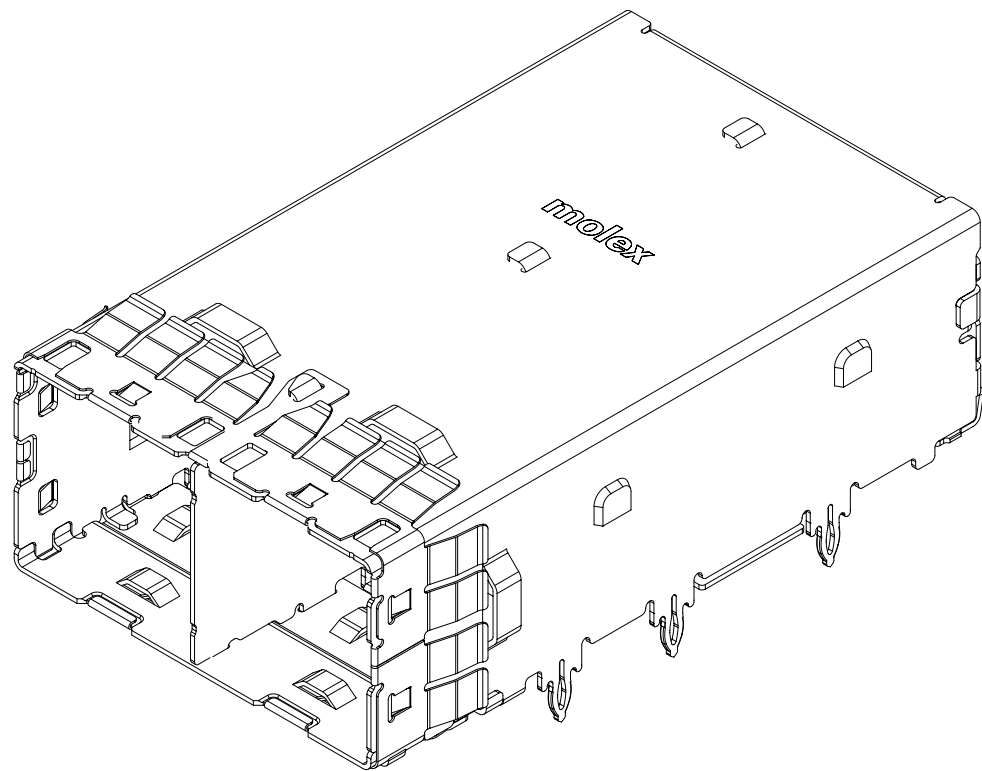
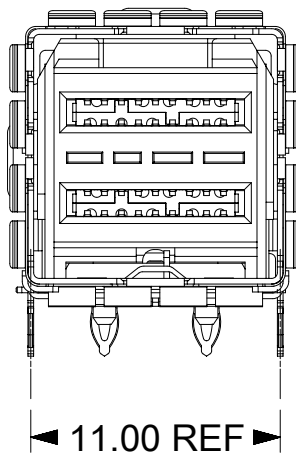
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724730012	PSD	000	A1

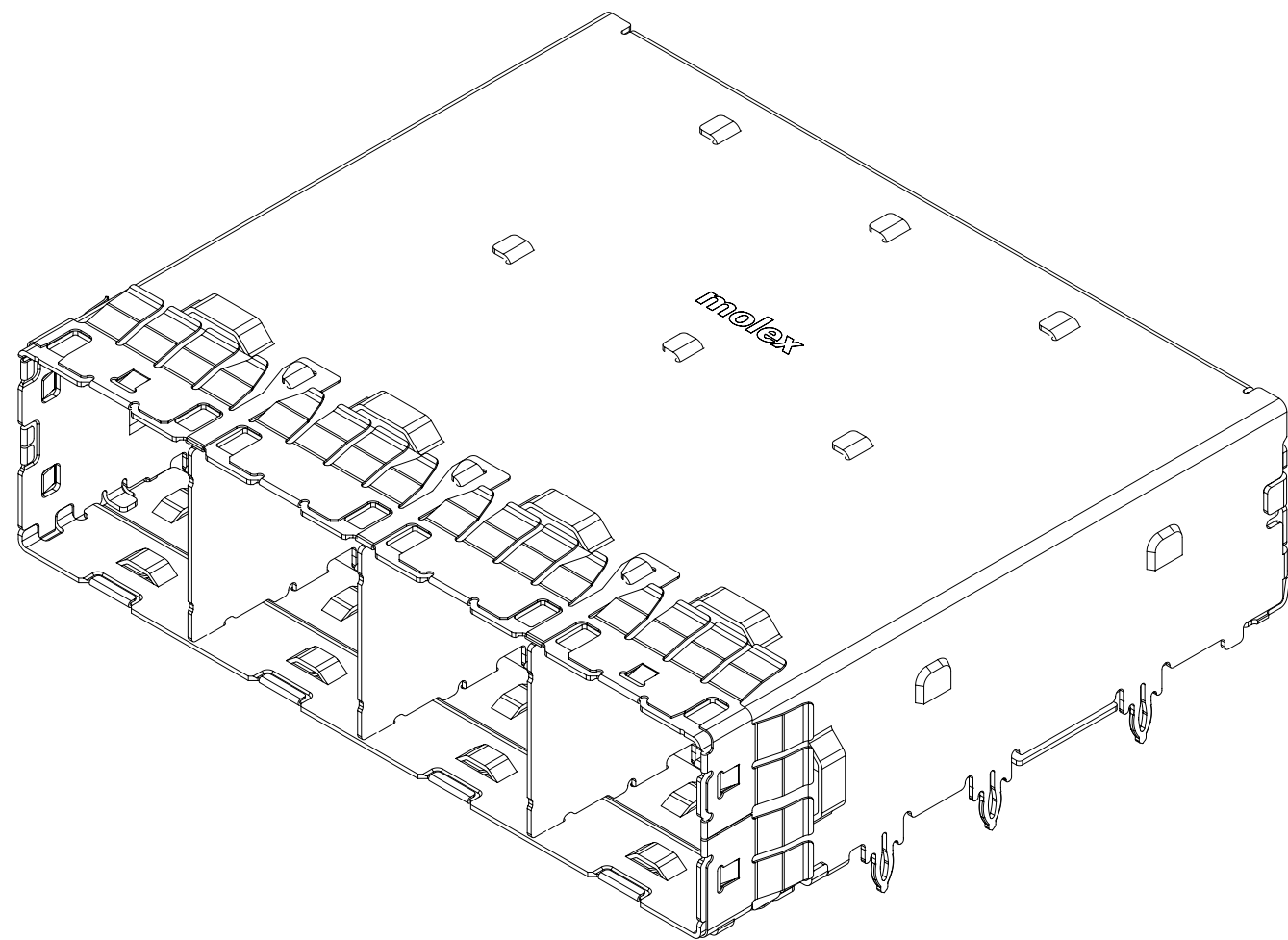
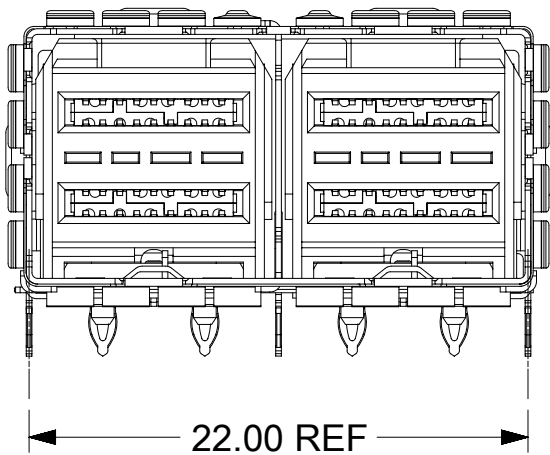
DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28 19:22:27
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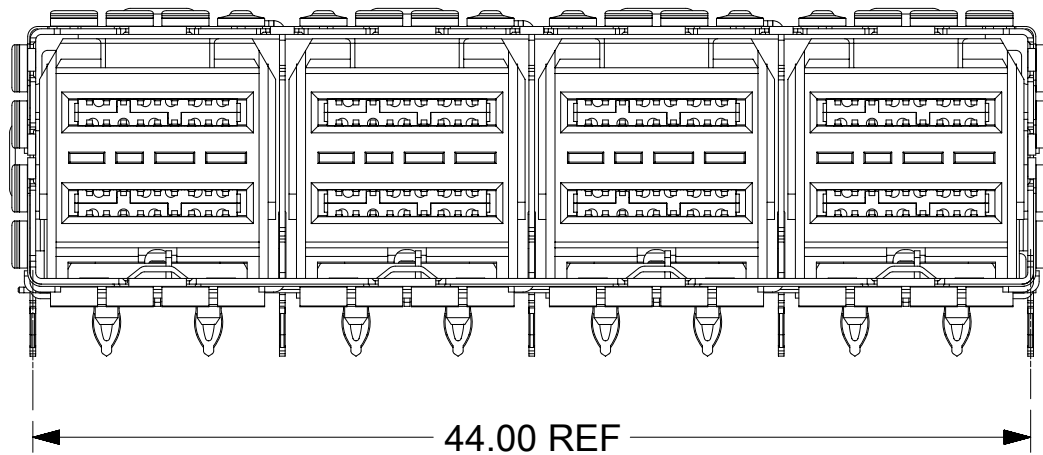
1 X 1



1 X 2



1 X 4

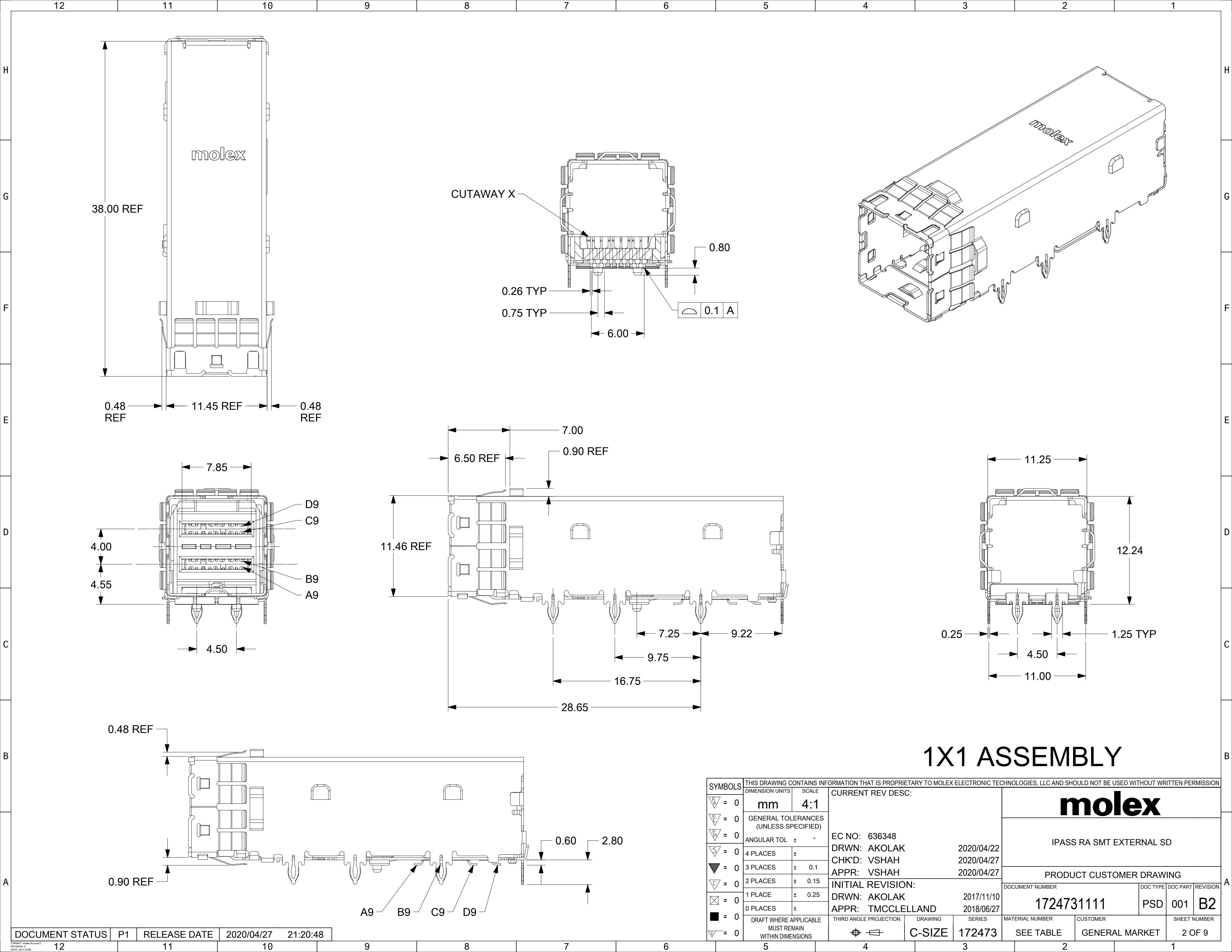


CONFIGURATION	MATERIAL NUMBER	
	CAGE	CONNECTOR
1 x 1	1724735001	1724736001 (1X)
1 x 2	1724735002	1724736001 (2X)
1 x 4	1724735004	1724736001 (4X)

- NOTES:
- 1. FOR CONNECTOR DETAILS REFER TO SALES DRAWING: PSD 1724730011
 - 2. FOR CAGE DETAILS REFER TO SALES DRAWING: PSD 1724730012
 - 3. PRODUCT SPECIFICATION: 1724730011
 - 4. MOUNTING INFORMATION: REFER TO APPLICATION SPECIFICATION: 1724730001
 - 5. MATES WITH: MOLEX CABLE SERIES 111068, 111073, 111074, & 111075
 - 6. PLUG MODULE PCB LAYOUT REFER TO SD-76866-9900
 - 7. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC SPECIFICATION PS-45499-002

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: EC NO: 636348 DRWN: AKOLAK 2020/04/22 CHK'D: VSHAH 2020/04/27 APPR: VSHAH 2020/04/27 INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCCLELLAND 2018/06/27			moLEX IPASS RA SMT EXTERNAL SD				
	mm		3:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± °											
	4 PLACES ±		±		DOCUMENT NUMBER			DOC TYPE		DOC PART	REVISION	
	3 PLACES ± 0.1		± 0.1		1724731111			PSD		001	B2	
	2 PLACES ± 0.15		± 0.15		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER	
	1 PLACE ± 0.25		±									
	0 PLACES ±		±		SEE TABLE			GENERAL MARKET			1 OF 9	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES			
				C-SIZE		172473						

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27	21:20:48
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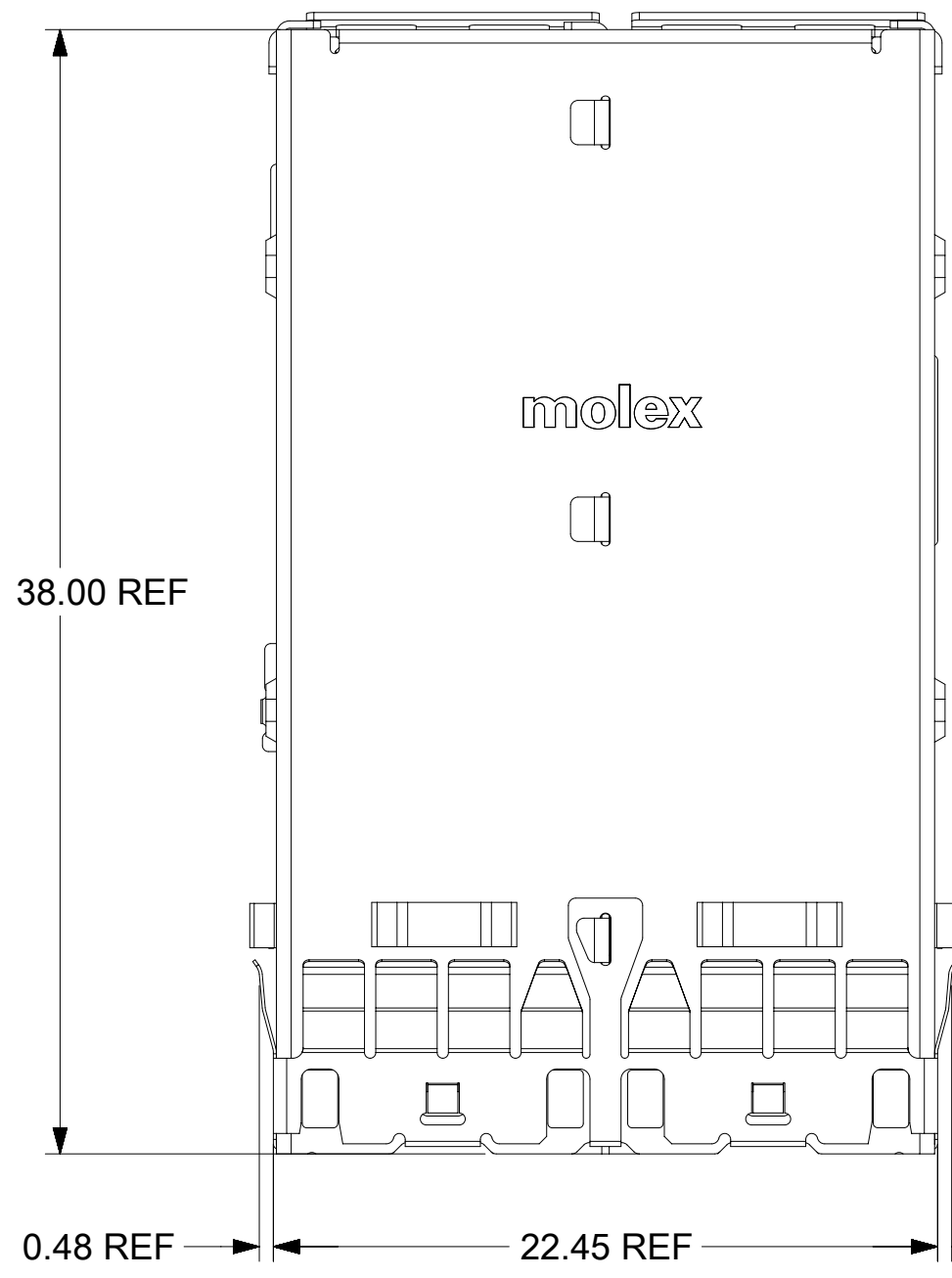
1X1 ASSEMBLY

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:									
= 0					mm					4:1									
= 0					GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 636348									
= 0					ANGULAR TOL ± °					DRWN: AKOLAK 2020/04/22									
= 0					4 PLACES ±					CHK'D: VSHAH 2020/04/27									
= 0					3 PLACES ± 0.1					APPR: VSHAH 2020/04/27									
= 0					2 PLACES ± 0.15					INITIAL REVISION:									
= 0					1 PLACE ± 0.25					DRWN: AKOLAK 2017/11/10									
= 0					0 PLACES ±					APPR: TMCCLELLAND 2018/06/27									
= 0					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION									
= 0					C-SIZE					SERIES 172473									
= 0					SEE TABLE					MATERIAL NUMBER									
= 0					GENERAL MARKET					CUSTOMER									
= 0					2 OF 9					SHEET NUMBER									

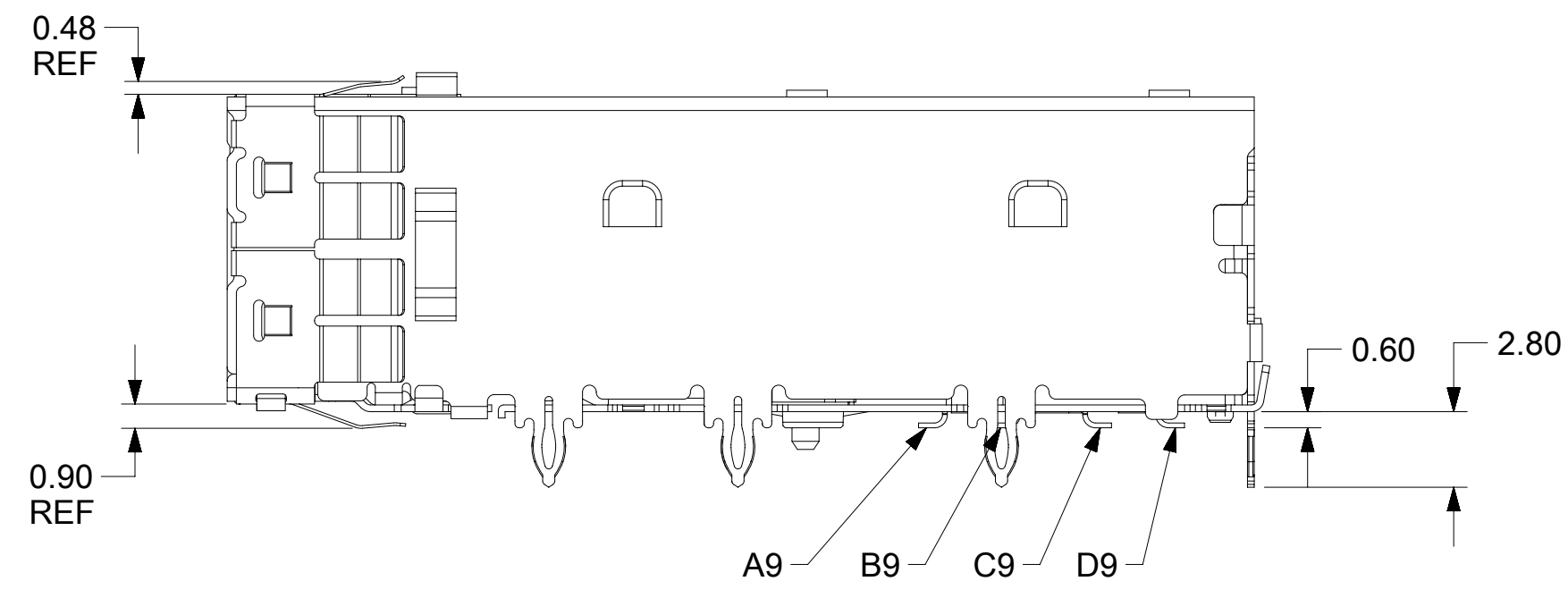
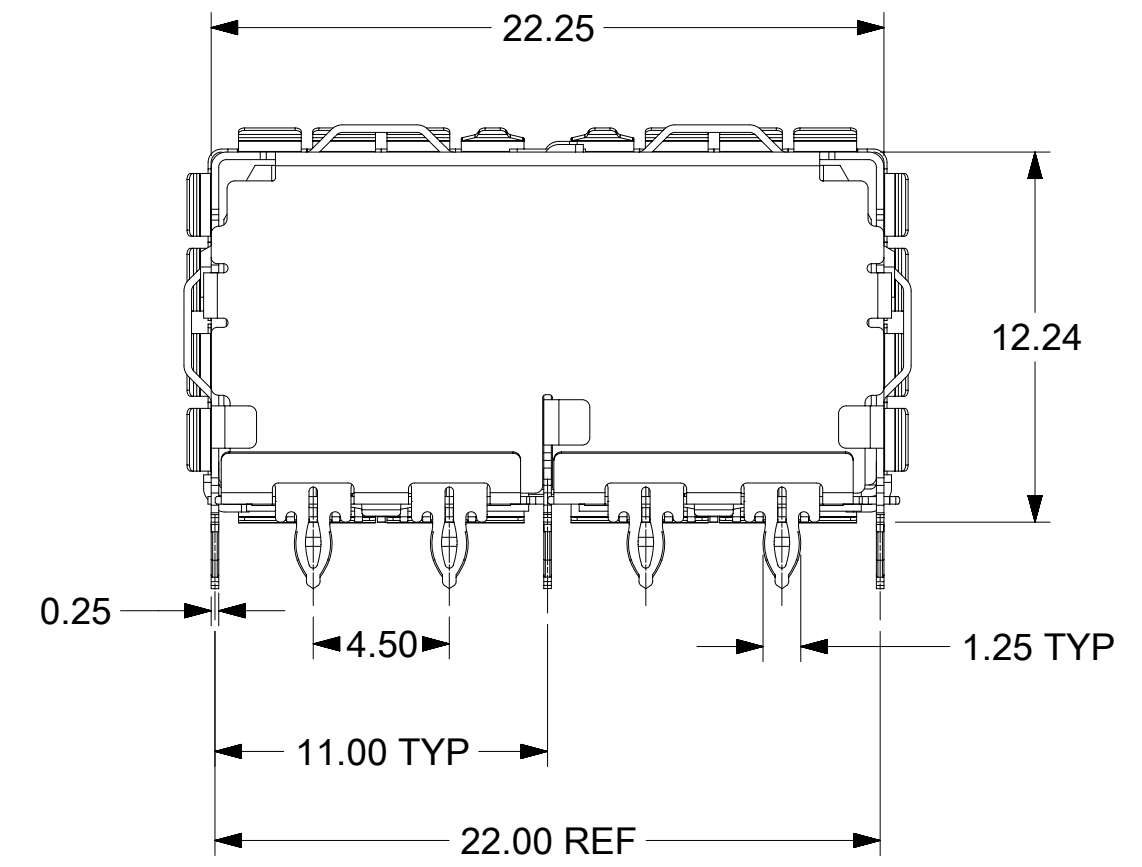
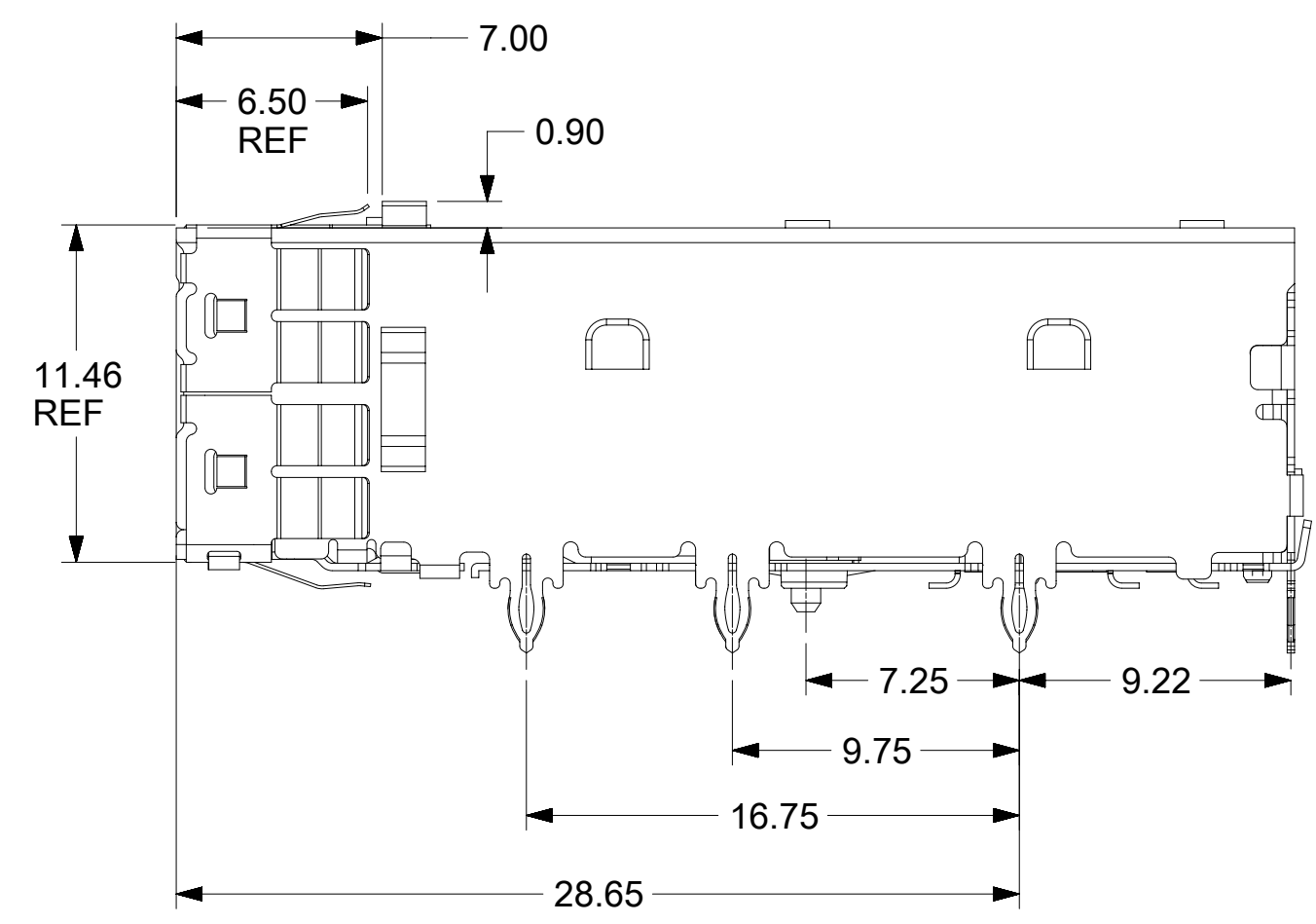
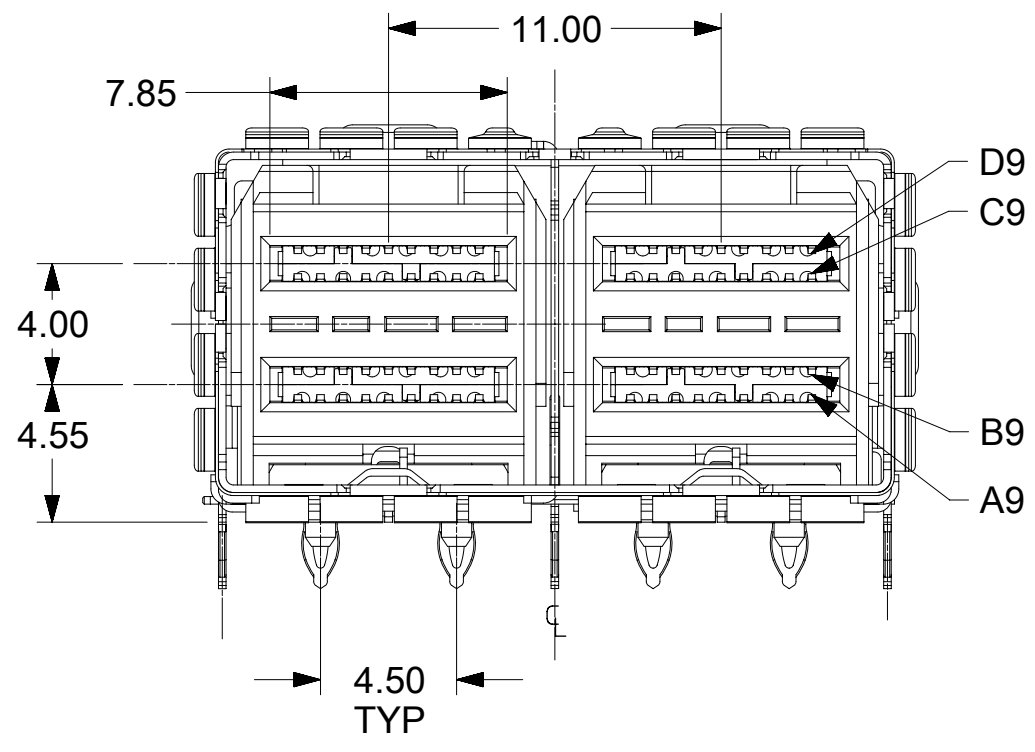
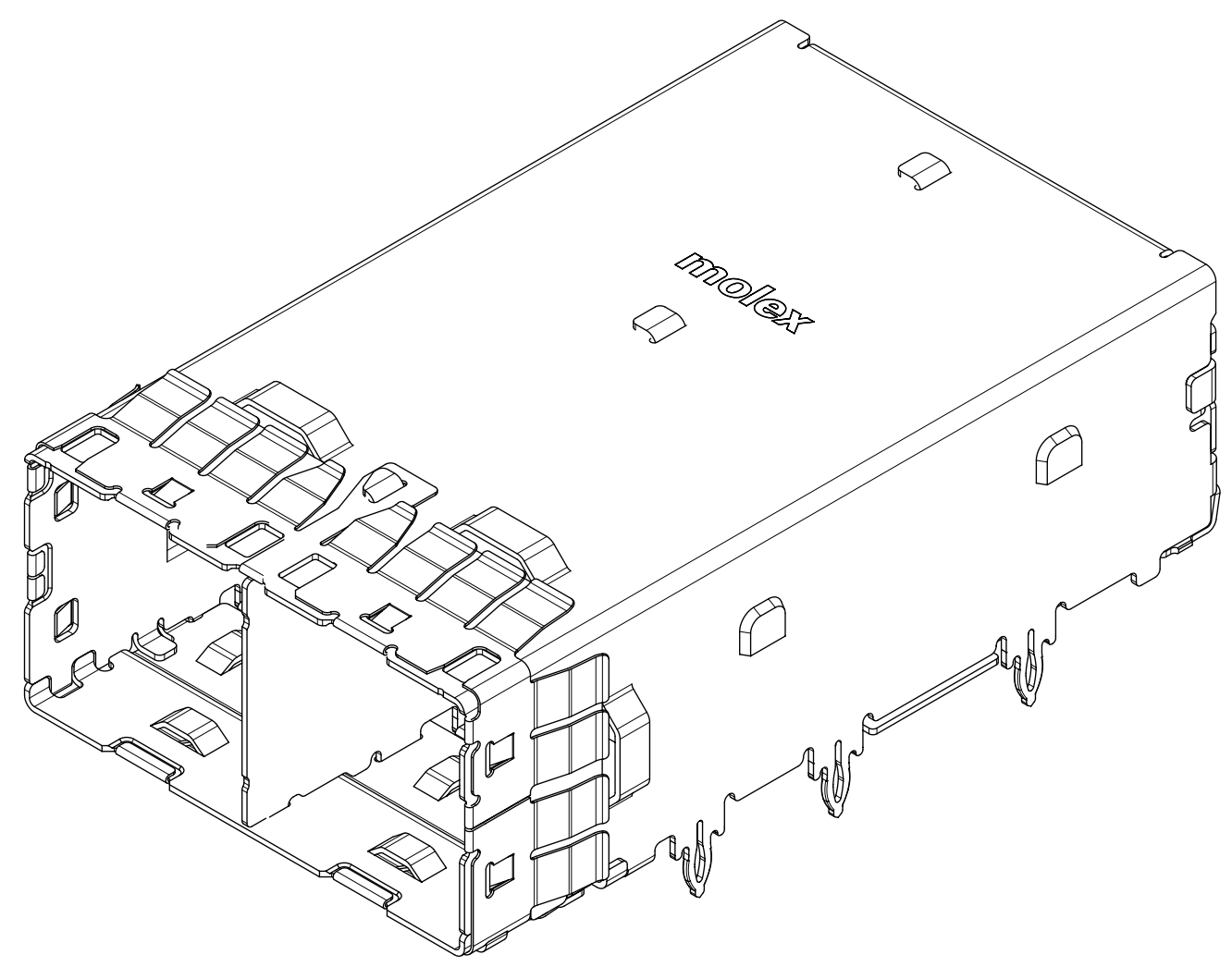
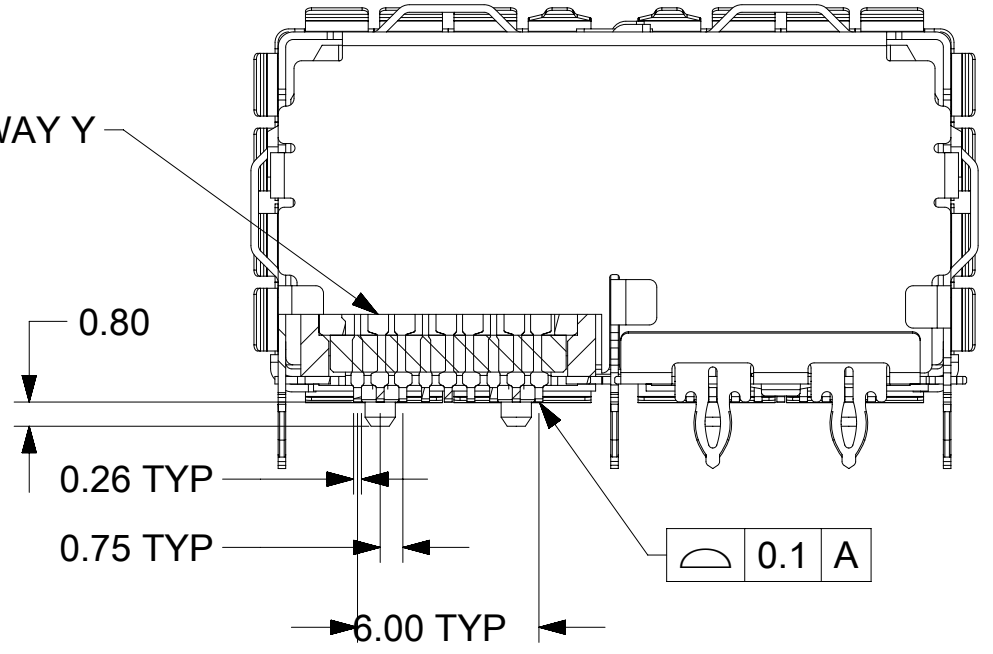
DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27	21:20:48
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12 11 10 9 8 7 6 5 4 3 2 1

H
G
F
E
D
C
B
A



CUTAWAY Y

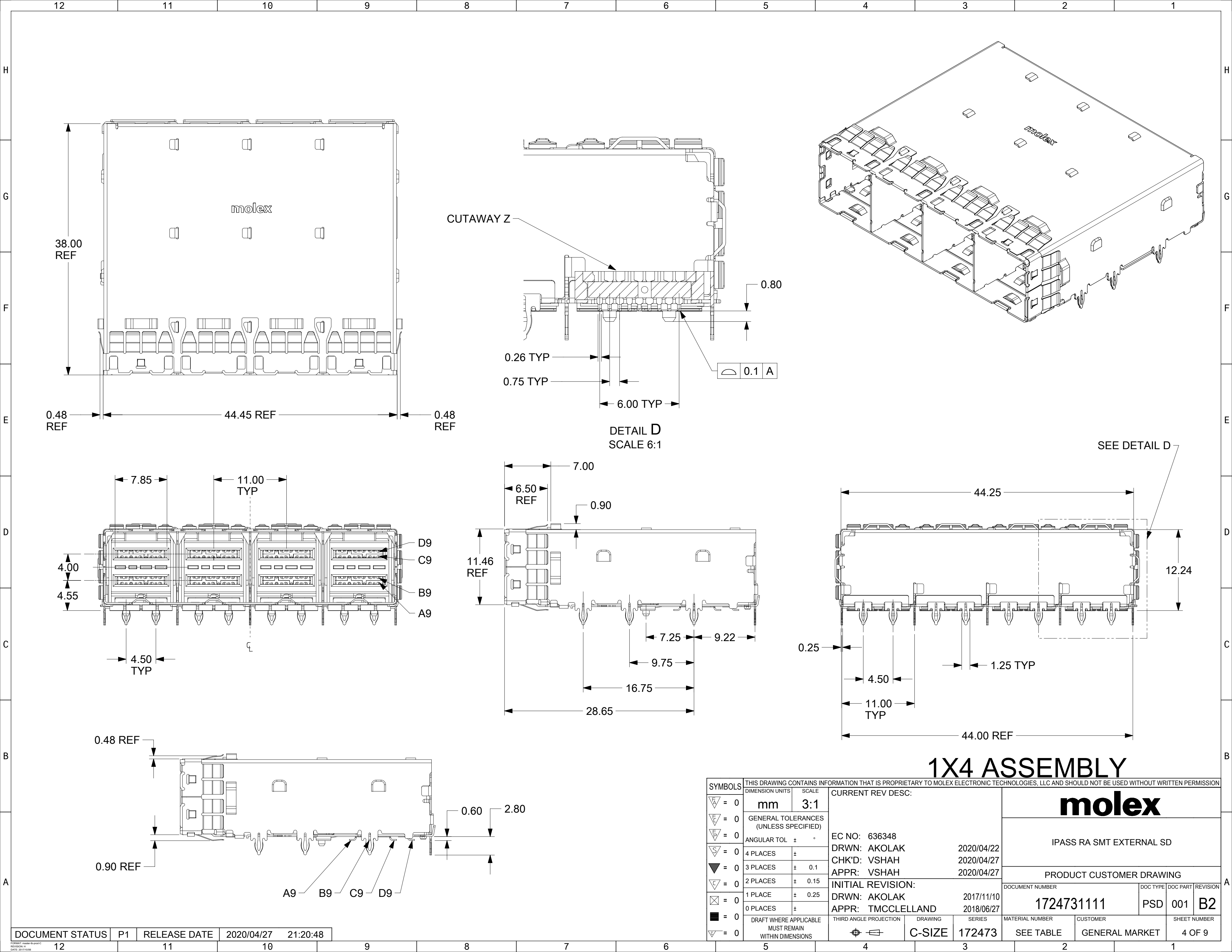


1X2 ASSEMBLY

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27 21:20:48
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12 11 10 9 8 7 6 5 4 3 2 1

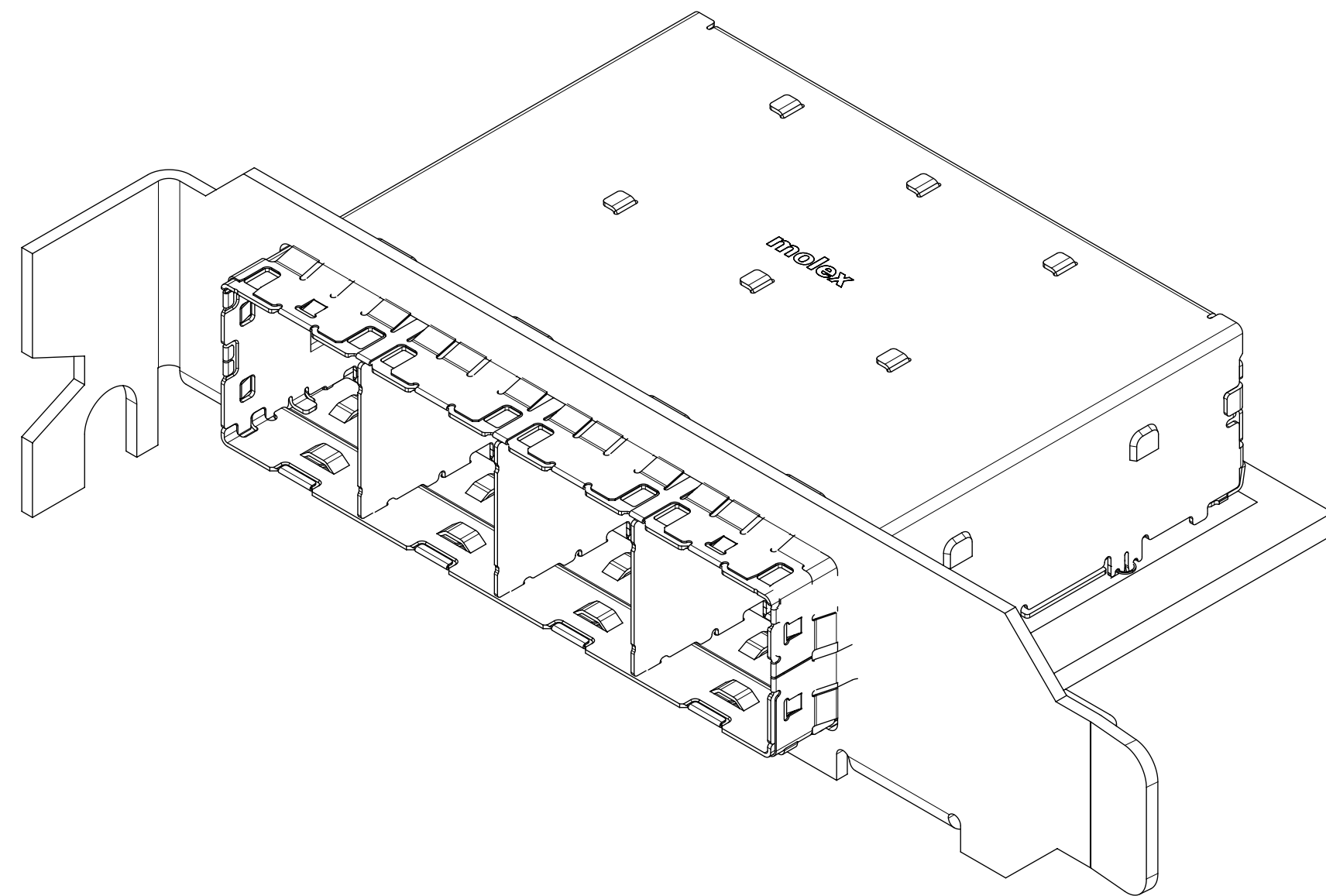


DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27	21:20:48
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12	11	10	9	8	7	6	5	4	3	2	1
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SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
	= 0	mm										3:1			
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	= 0	ANGULAR TOL ± °													
	= 0	4 PLACES ±													
	= 0	3 PLACES ± 0.1		DRWN: AKOLAK				2020/04/22							
	= 0	2 PLACES ± 0.15		CHK'D: VSHAH				2020/04/27							
	= 0	1 PLACE ± 0.25		APPR: VSHAH				2020/04/27							
	= 0	0 PLACES ±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING							
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: AKOLAK				2017/11/10		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
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				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		172473		SEE TABLE		GENERAL MARKET		4 OF 9	

12	11	10	9	8	7	6	5	4	3	2	1
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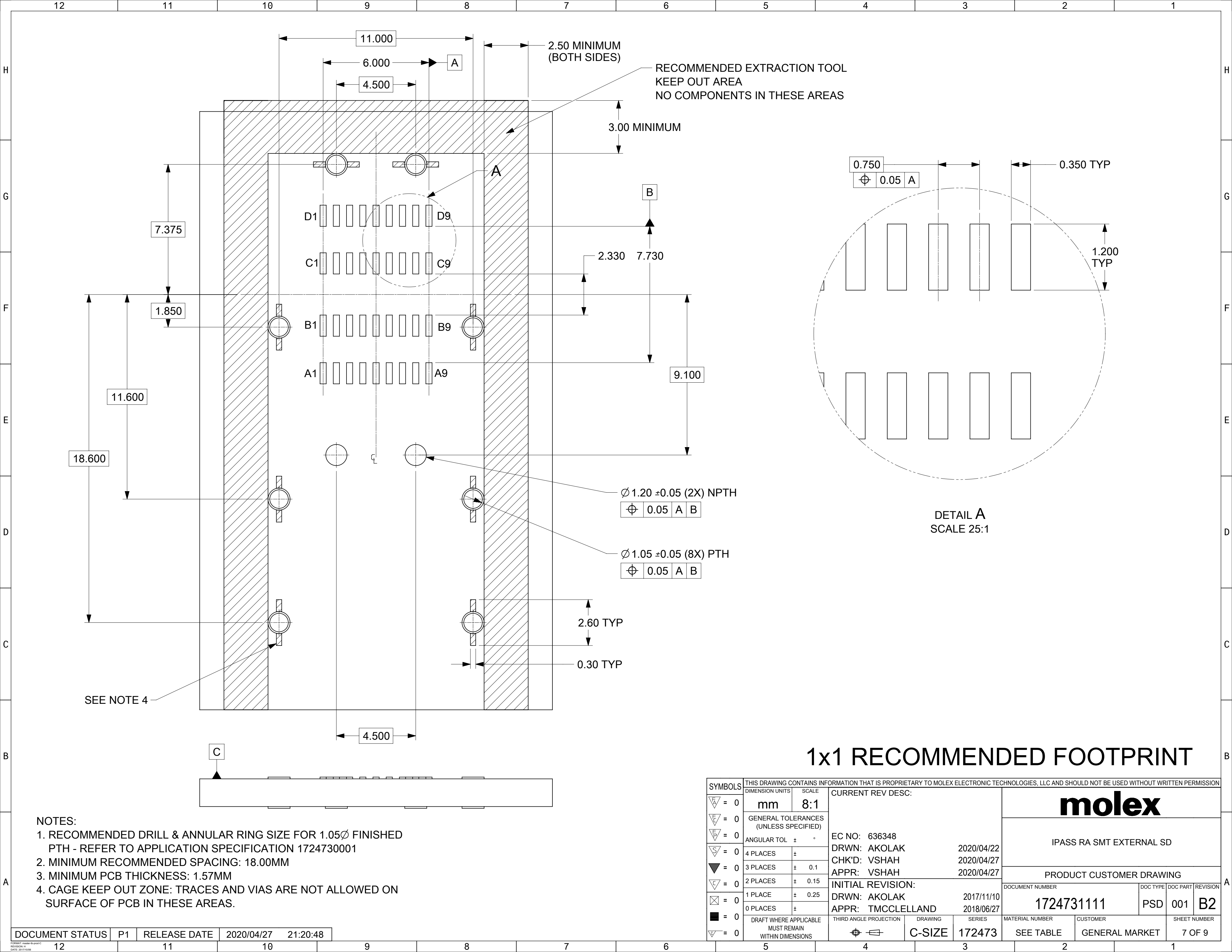


CONFIGURATION	DIM 'A' (MIN)	DIM 'B'
1 X 1	12.00	11.90
1 X 2	23.00	22.90
1 X 4	45.00	44.90

NOTES:

1. CONNECTOR KEEP OUT ZONE :
PCB COMPONENTS ARE NOT ALLOWED IN THIS AREA.

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:				molex				
mm		3:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 636348 DRWN: AKOLAK 2020/04/22 CHK'D: VSHAH 2020/04/27 APPR: VSHAH 2020/04/27				IPASS RA SMT EXTERNAL SD						
ANGULAR TOL ± °												
4 PLACES ±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING						
3 PLACES ± 0.1												
2 PLACES ± 0.15		DRWN: AKOLAK 2017/11/10 APPR: TMCLELLAND 2018/06/27				DOCUMENT NUMBER 1724731111		DOC TYPE PSD	DOC PART 001	REVISION B2		
1 PLACE ± 0.25												
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING C-SIZE	SERIES 172473	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 9

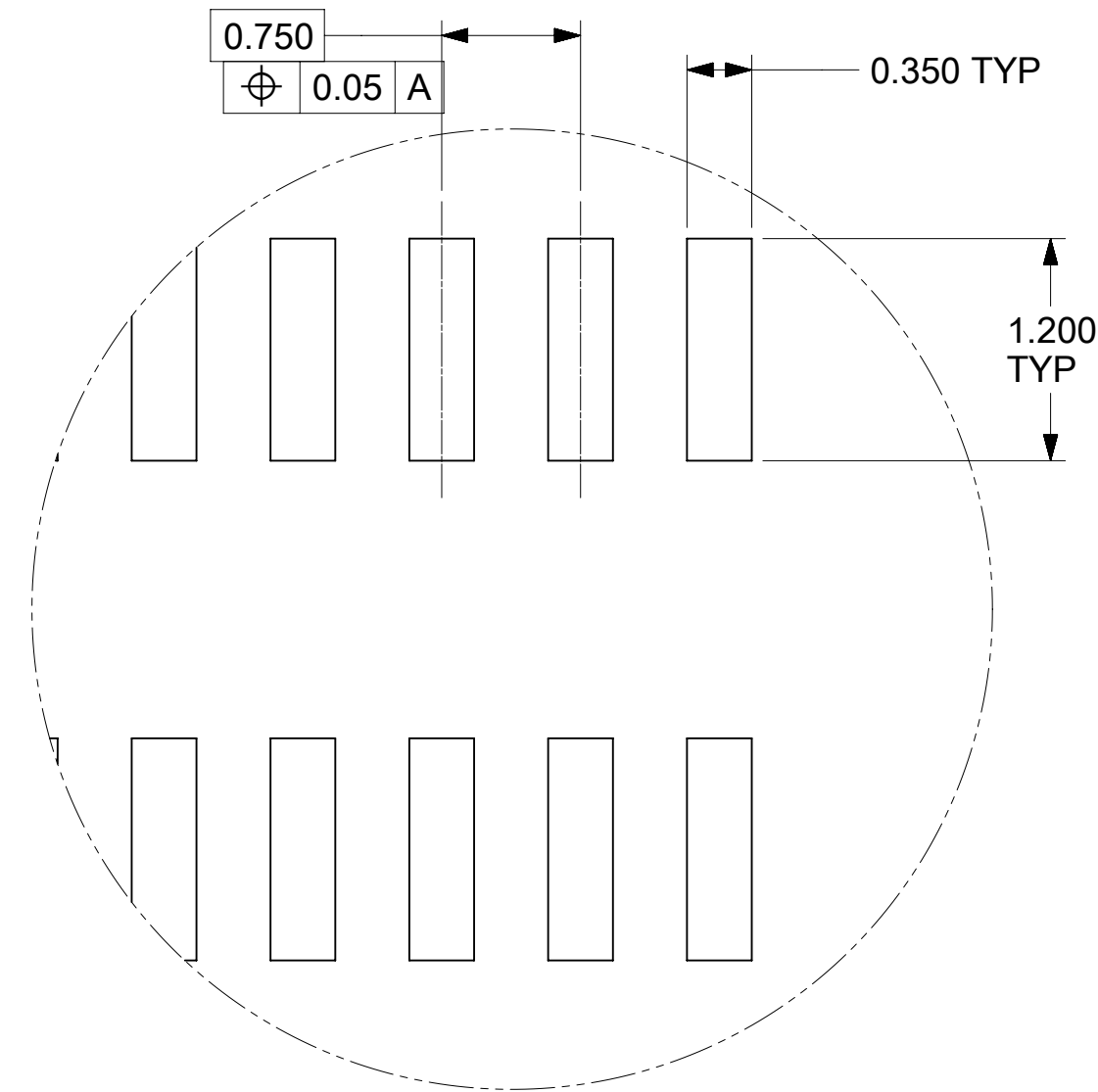
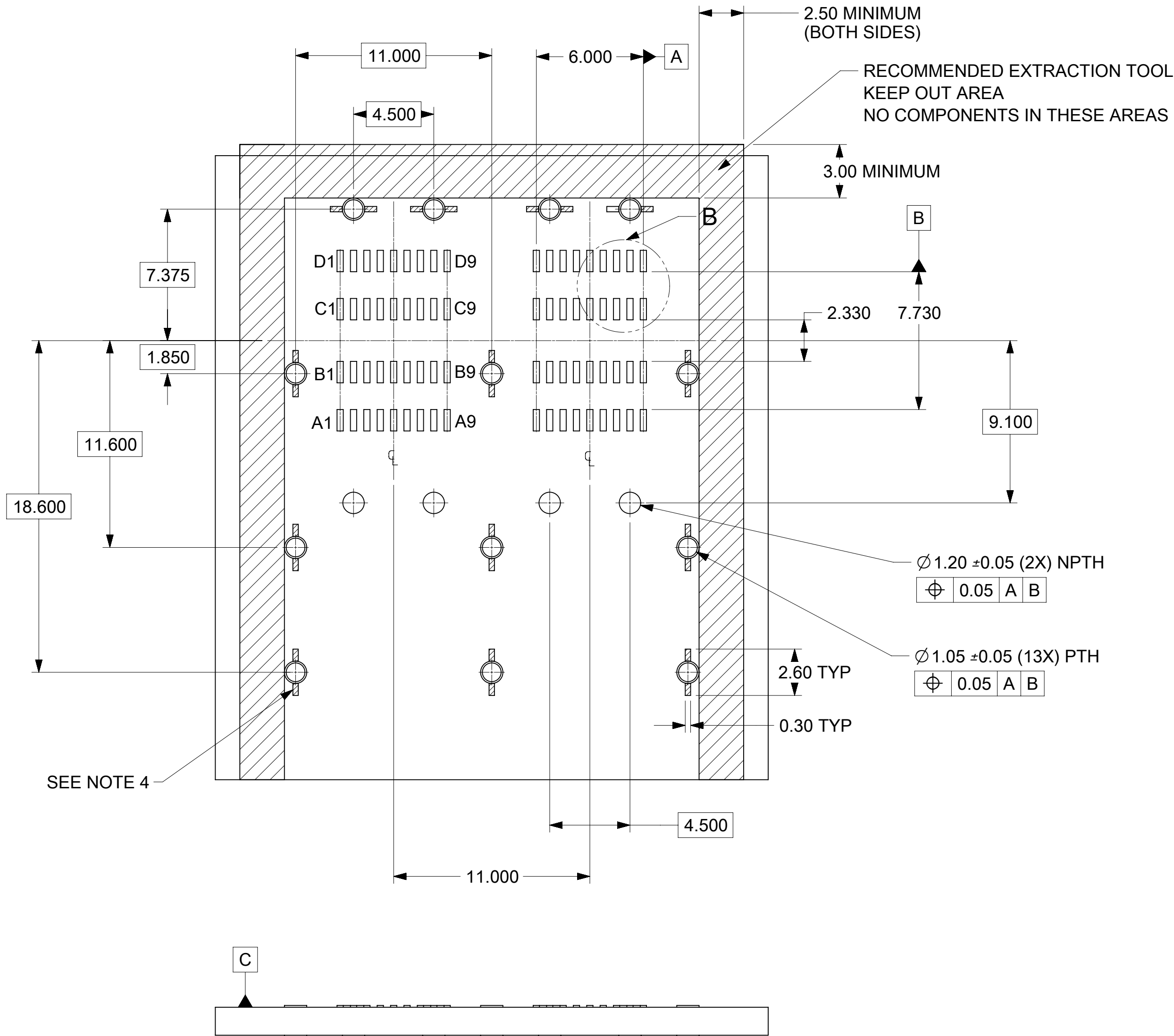


- NOTES:
1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 1.05 ϕ FINISHED PTH - REFER TO APPLICATION SPECIFICATION 1724730001
 2. MINIMUM RECOMMENDED SPACING: 18.00MM
 3. MINIMUM PCB THICKNESS: 1.57MM
 4. CAGE KEEP OUT ZONE: TRACES AND VIAS ARE NOT ALLOWED ON SURFACE OF PCB IN THESE AREAS.

1x1 RECOMMENDED FOOTPRINT

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:												
	= 0	mm	8:1	EC NO: 636348 DRWN: AKOLAK 2020/04/22 CHK'D: VSHAH 2020/04/27 APPR: VSHAH 2020/04/27												
	= 0															
	= 0															
	= 0															
	= 0															
GENERAL TOLERANCES (UNLESS SPECIFIED)				INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCCLLELAND 2018/06/27												
ANGULAR TOL ± °																
4 PLACES ±																
3 PLACES ± 0.1																
2 PLACES ± 0.15																
	= 0			1 PLACE ± 0.25		DOCUMENT NUMBER 1724731111						DOC TYPE	DOC PART	REVISION		
	= 0			0 PLACES ±												
	= 0															
	= 0															
	= 0															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
				C-SIZE		172473		SEE TABLE		GENERAL MARKET		7 OF 9				
molex IPASS RA SMT EXTERNAL SD PRODUCT CUSTOMER DRAWING																
DOCUMENT NUMBER 1724731111														DOC TYPE PSD	DOC PART 001	REVISION B2

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27 21:20:48
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DETAIL B
SCALE 25:1

- NOTES:
1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 1.05Ø FINISHED PTH - REFER TO APPLICATION SPECIFICATION 1724730001
 2. MINIMUM RECOMMENDED SPACING: 29.00MM
 3. MINIMUM PCB THICKNESS: 1.57MM
 4. CAGE KEEP OUT ZONE: TRACES AND VIAS ARE NOT ALLOWED ON SURFACE OF PCB IN THESE AREAS.

1x2 RECOMMENDED FOOTPRINT

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:			molex				
 = 0	mm		5:1								
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 636348 DRWN: AKOLAK 2020/04/22 CHK'D: VSHAH 2020/04/27 APPR: VSHAH 2020/04/27			IPASS RA SMT EXTERNAL SD				
 = 0											
 = 0	ANGULAR TOL ± °		INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCCELLELAND 2018/06/27			PRODUCT CUSTOMER DRAWING					
 = 0	4 PLACES ±										
 = 0	3 PLACES ± 0.1		DOCUMENT NUMBER 1724731111			DOC TYPE PSD		DOC PART 001		REVISION B2	
 = 0	2 PLACES ± 0.15										
 = 0	1 PLACE ± 0.25		MATERIAL NUMBER SEE TABLE			CUSTOMER GENERAL MARKET			SHEET NUMBER 8 OF 9		
 = 0	0 PLACES ±										
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 172473			
= 0				