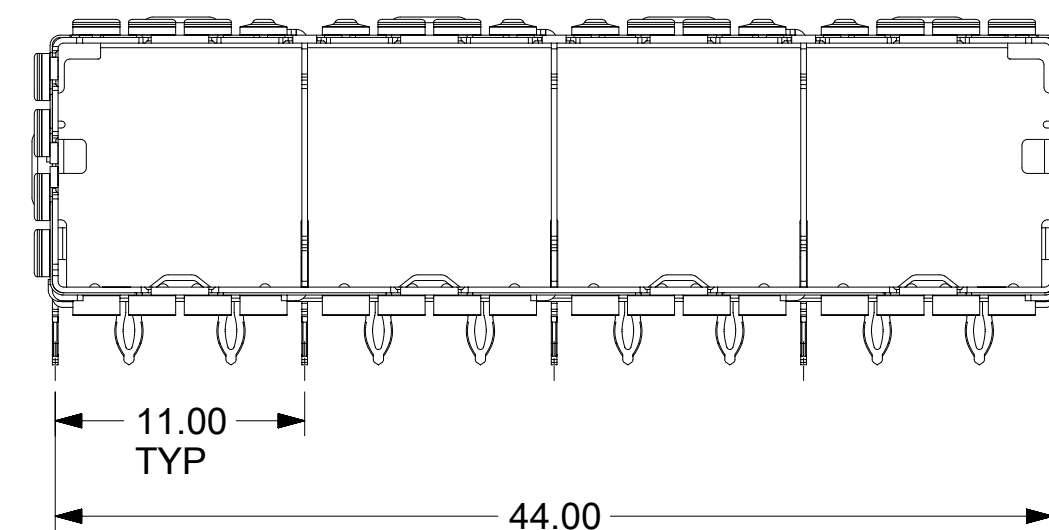
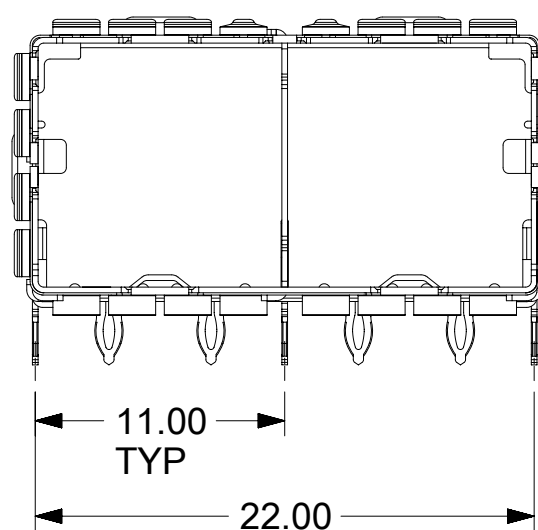
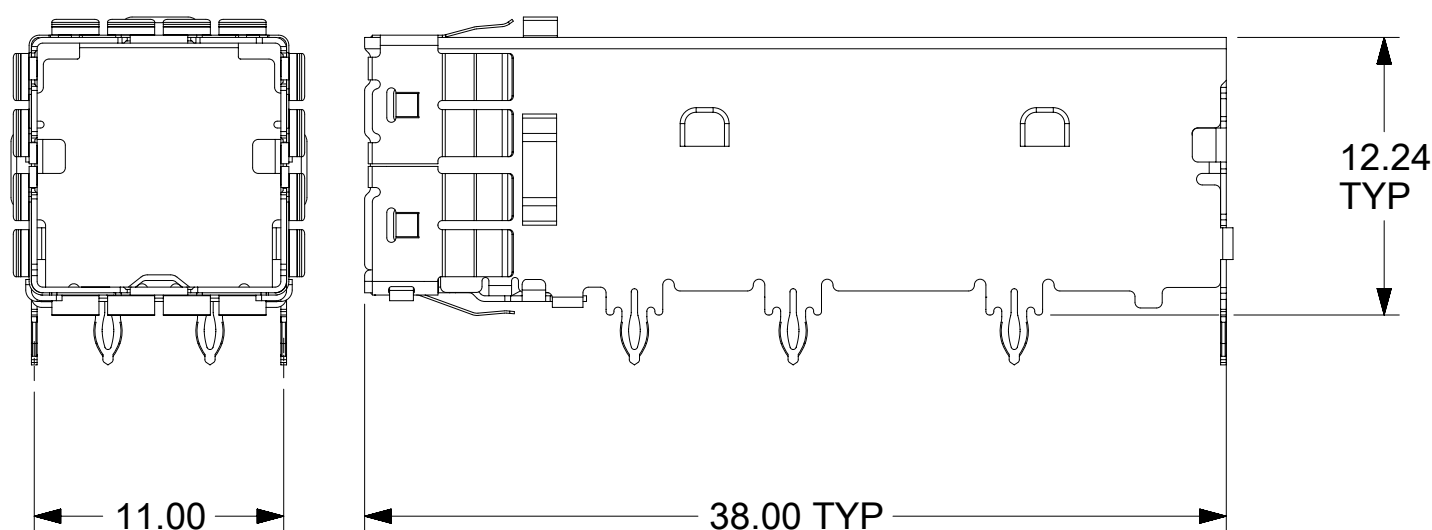
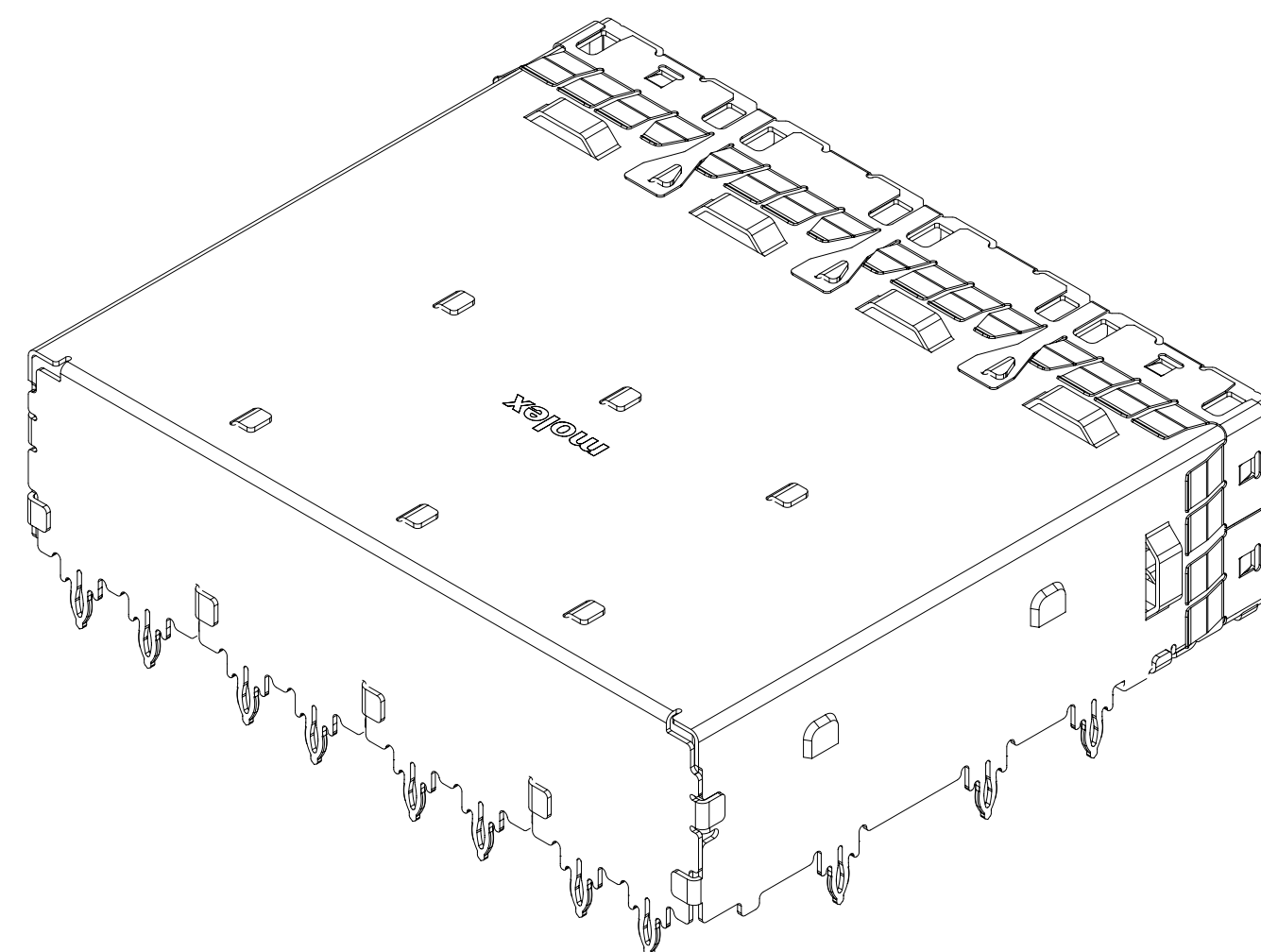
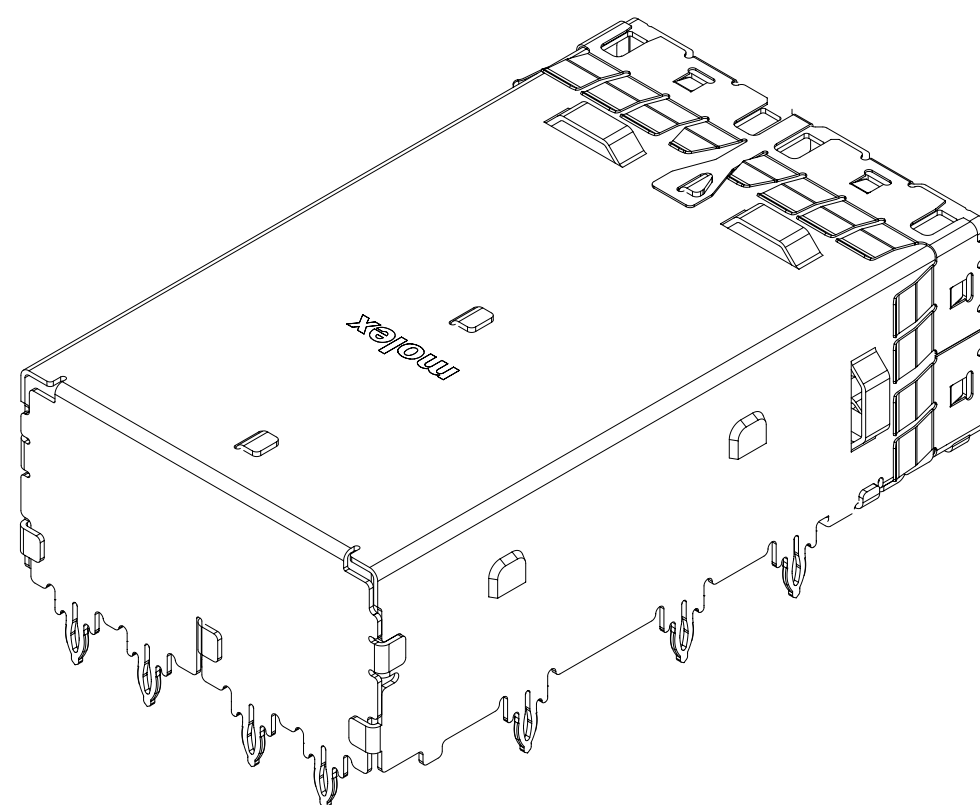
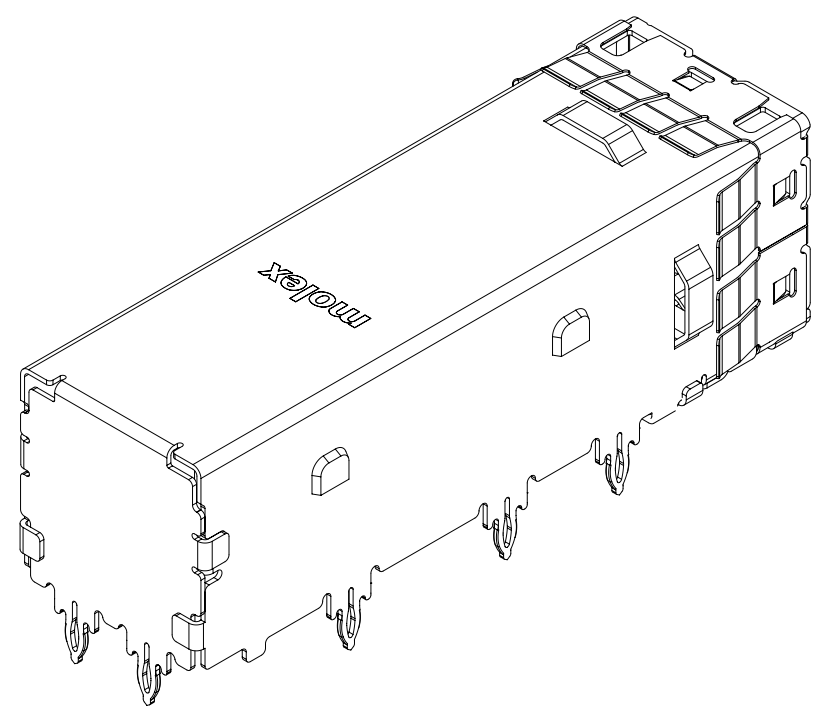
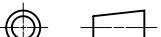


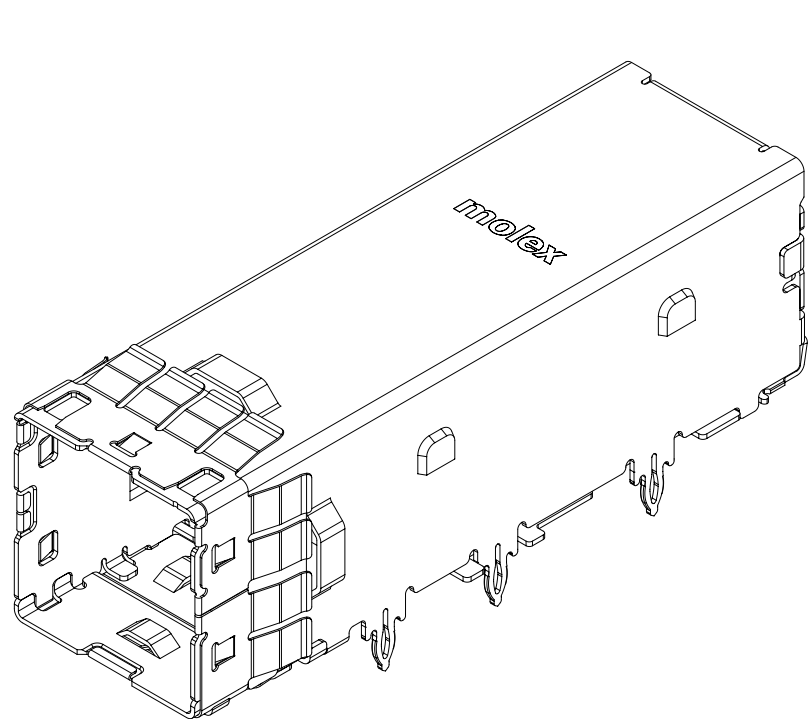


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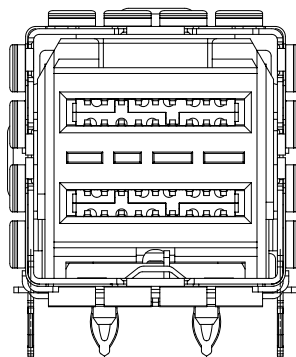
1. MATERIALS:
EMI CAGE: STAINLESS STEEL
EMI FINGERS: COPPER ALLOY
2. FINISHES:
EMI FINGERS: 0.50µM MIN NICKEL
3. FOR FOOTPRINT AND ASSEMBLY INFORMATION REFER TO
SALES DRAWING: PDD 1724731111
4. MOUNTING INFORMATION REFER TO
APPLICATION SPECIFICATION 1724730001
5. PACKAGING SPECIFICATION: PDD 1724738000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

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

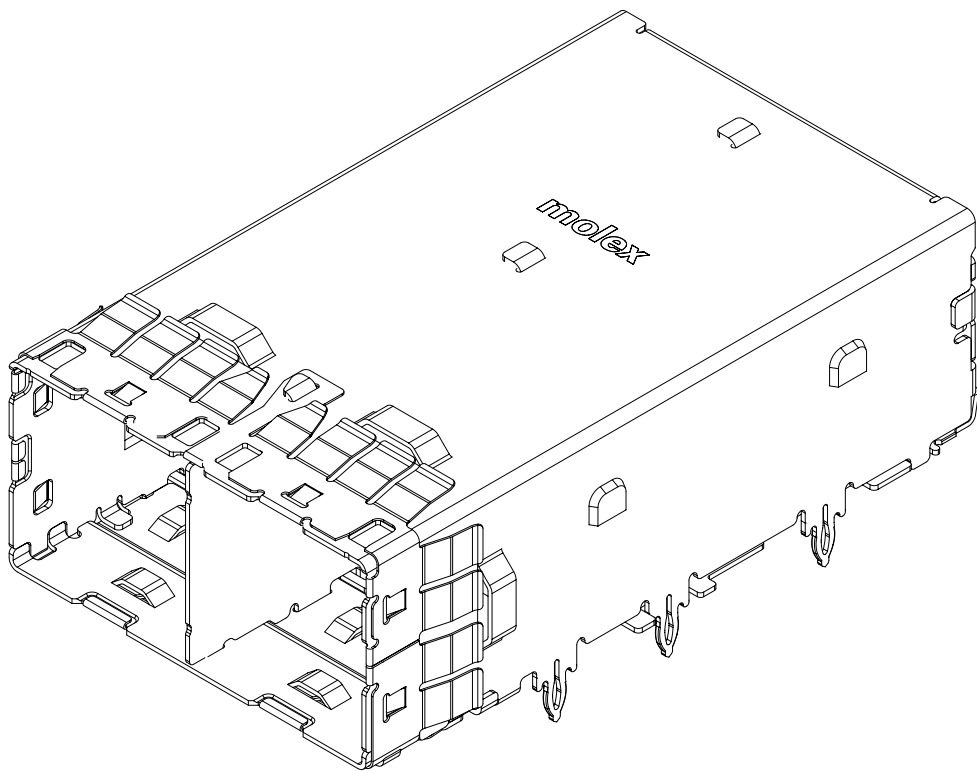
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
mm		3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 178504 DRWN: AKOLAK 2018/06/28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



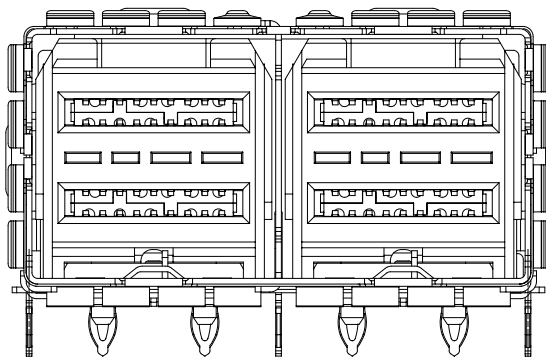
1 X 1



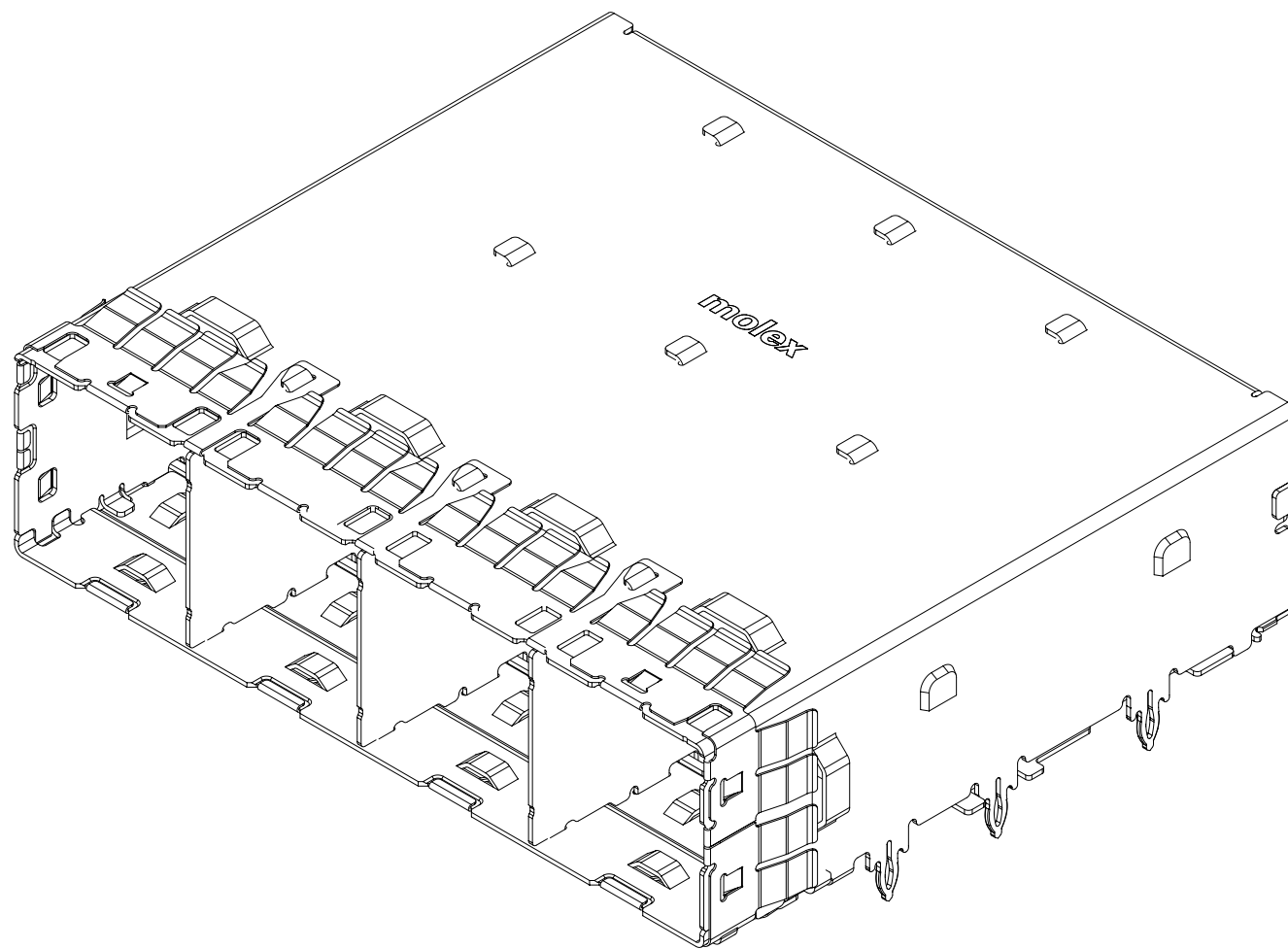
11.00 REF



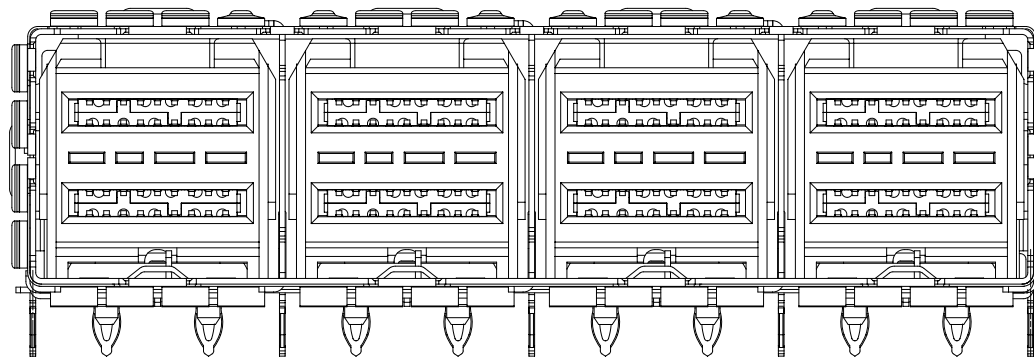
1 X 2



22.00 REF



1 X 4



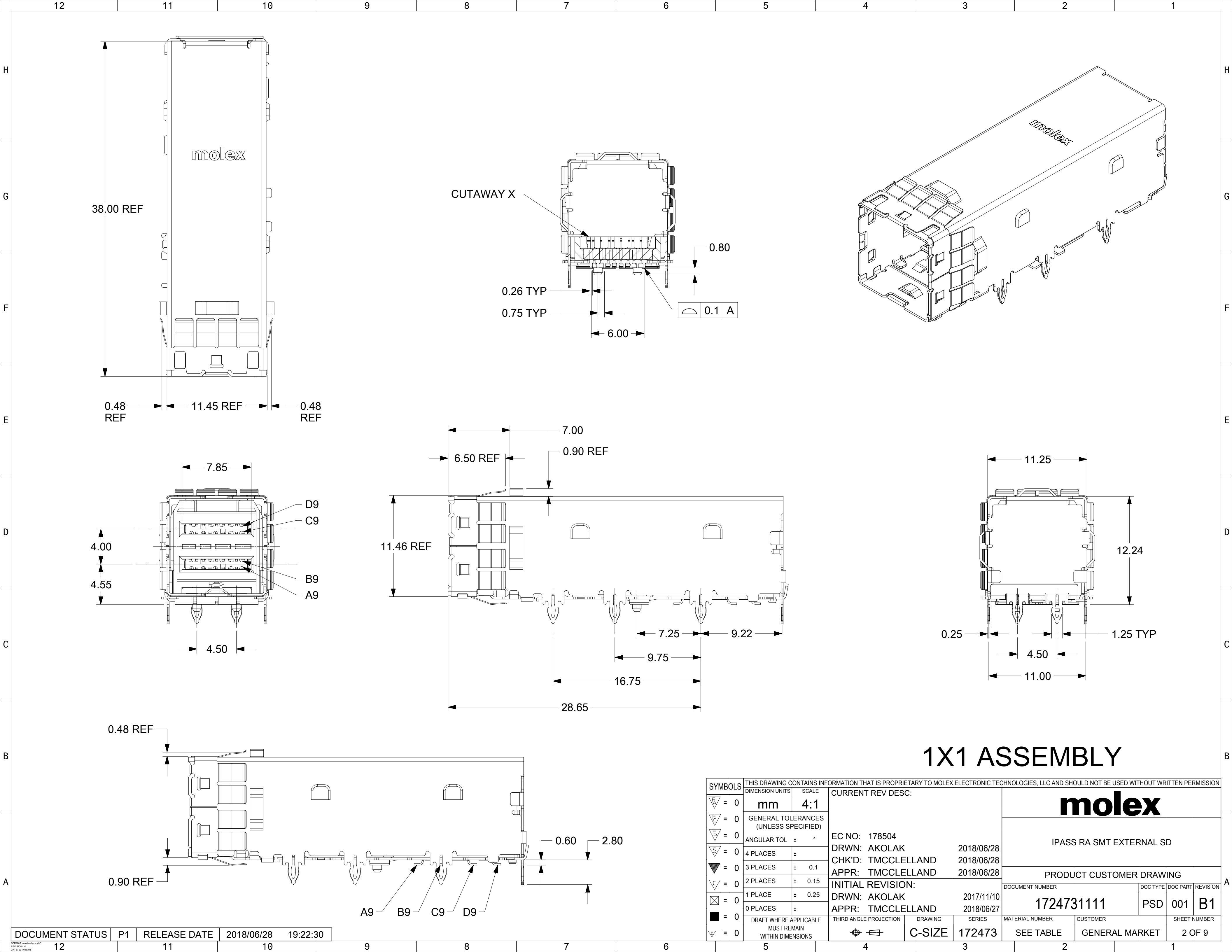
44.00 REF

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																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 178504 DRWN: AKOLAK 2018/06/28 CHK'D: TMCCLELLAND 2018/06/28 APPR: TMCCLELLAND 2018/06/28				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		INITIAL REVISION:		1724731111		PSD		001	B1						
	2 PLACES		± 0.15		DRWN: AKOLAK 2017/11/10													
	1 PLACE		± 0.25		APPR: TMCCLELLAND 2018/06/27													
	0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
									C-SIZE		172473		SEE TABLE		GENERAL MARKET		1 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28 19:22:30
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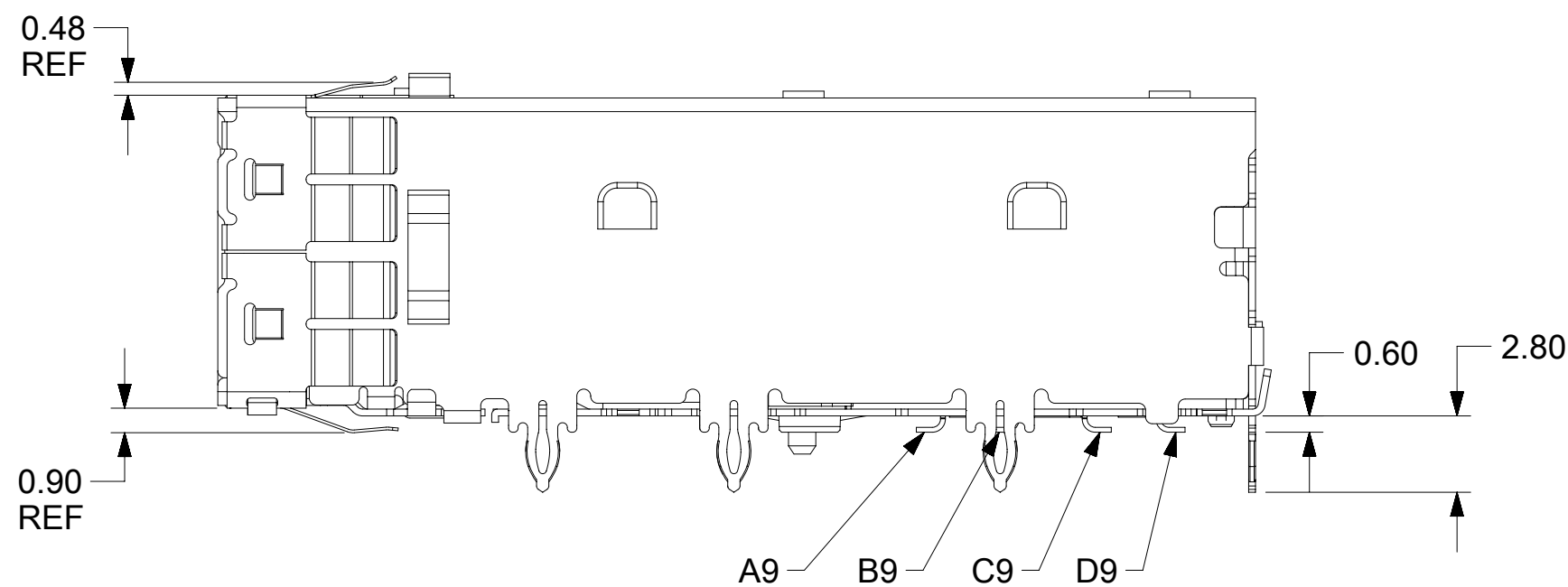
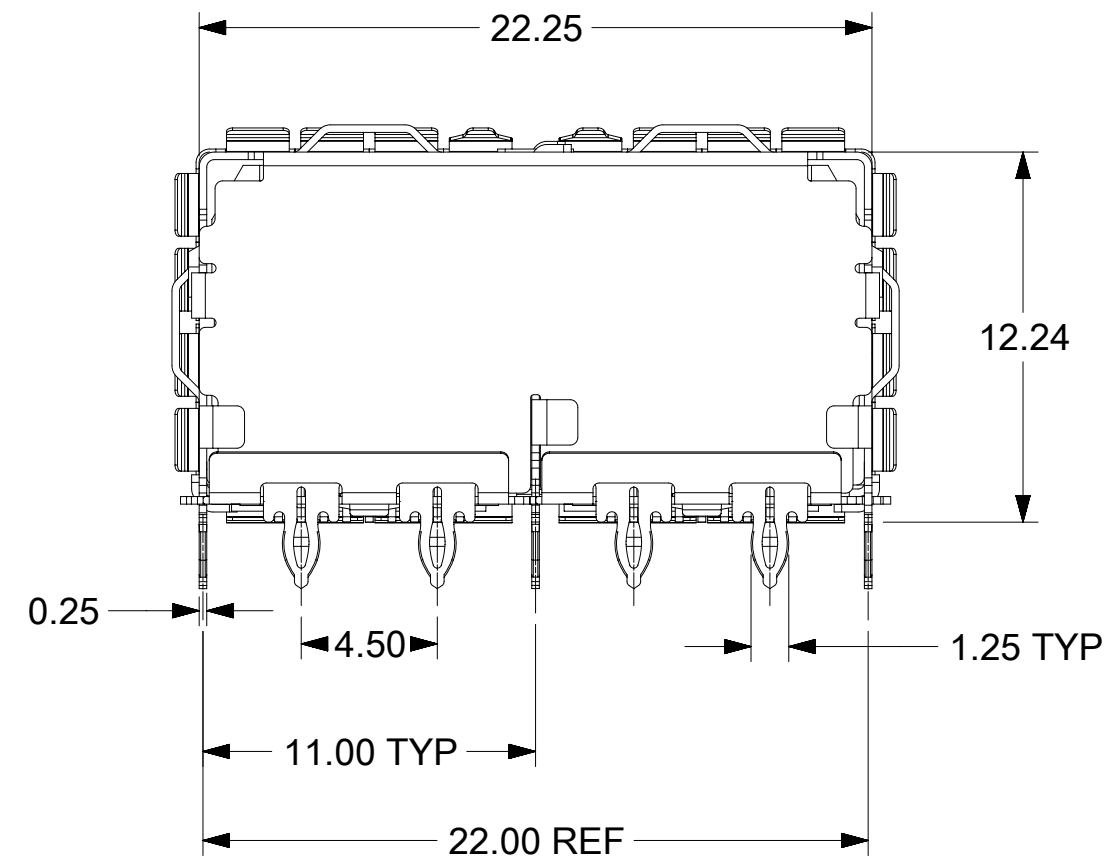
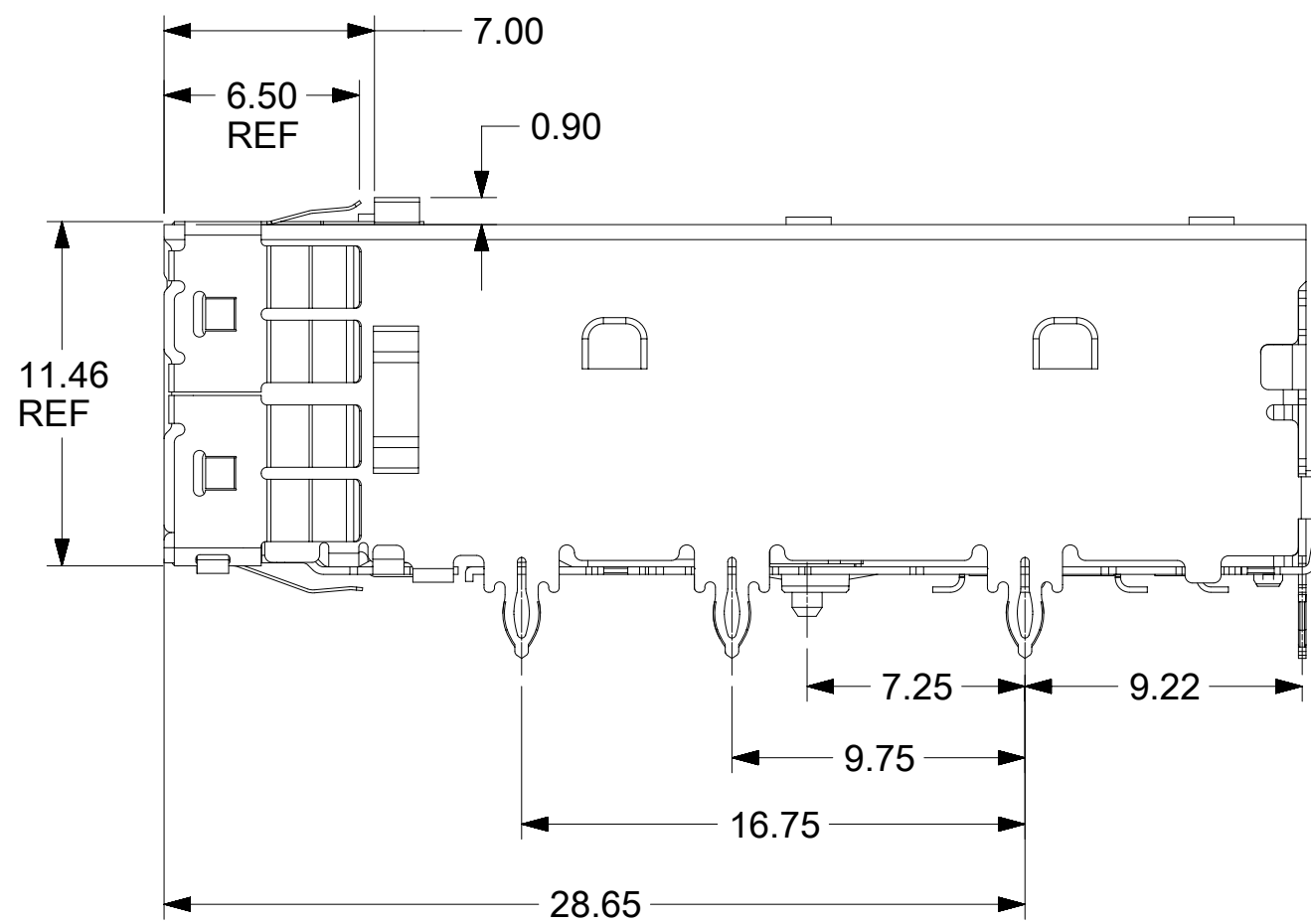
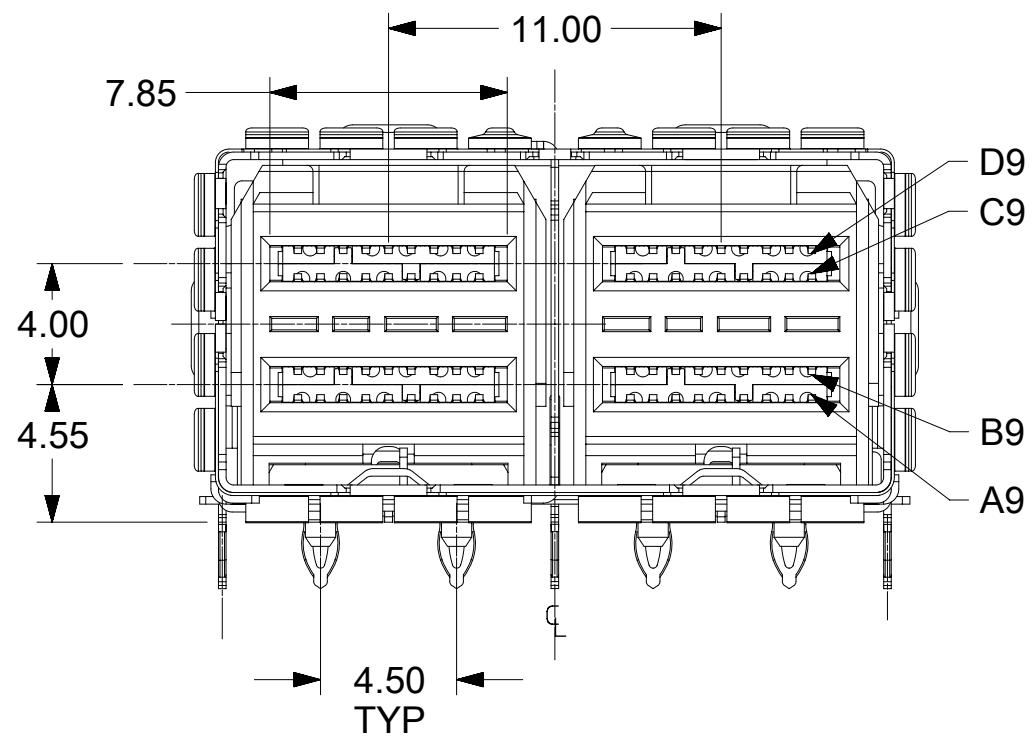
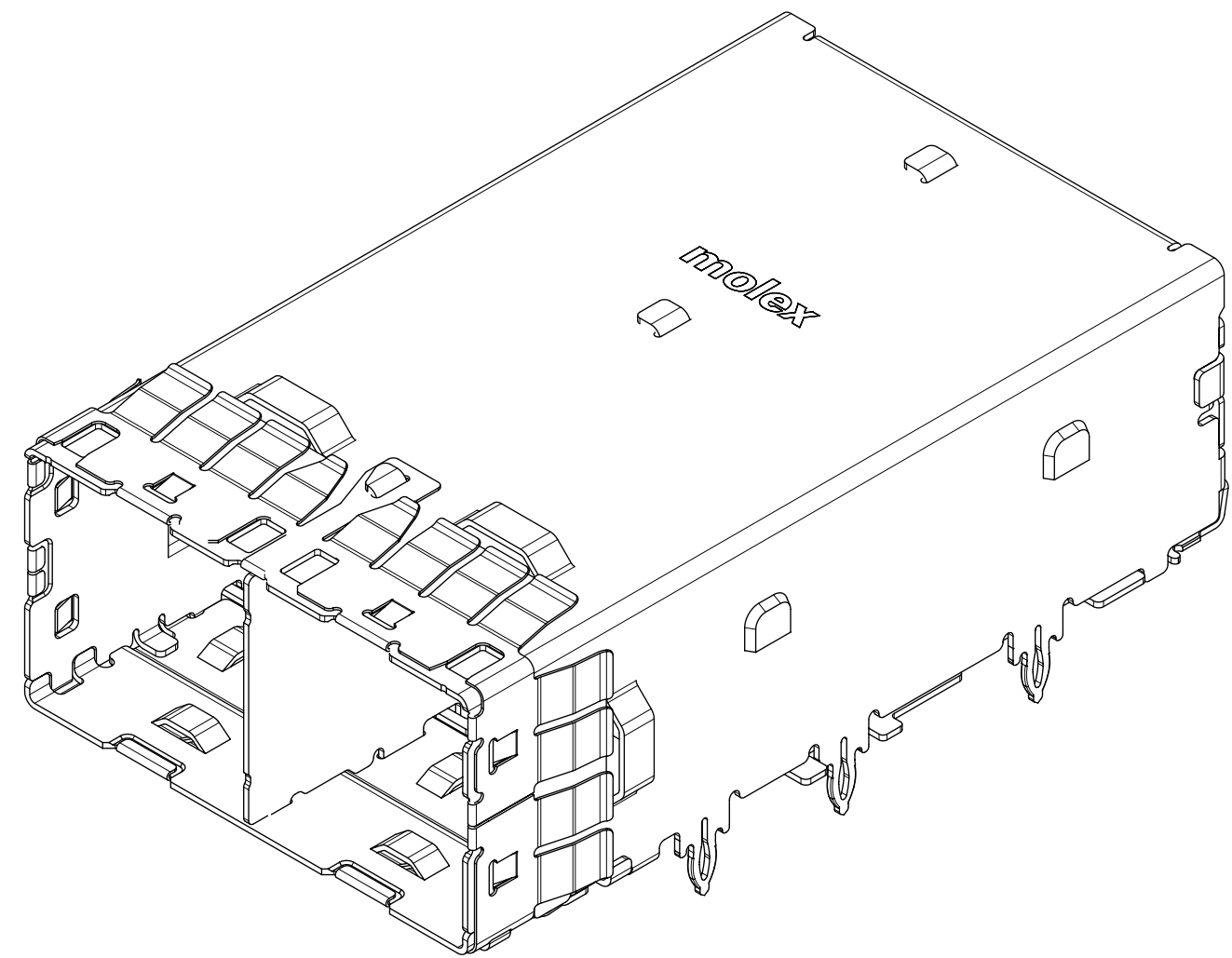
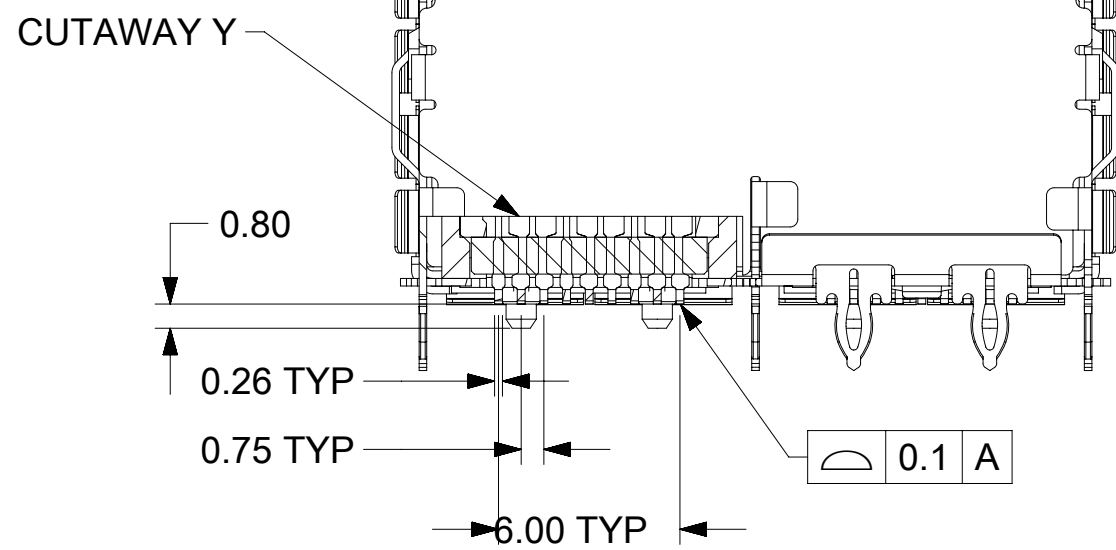
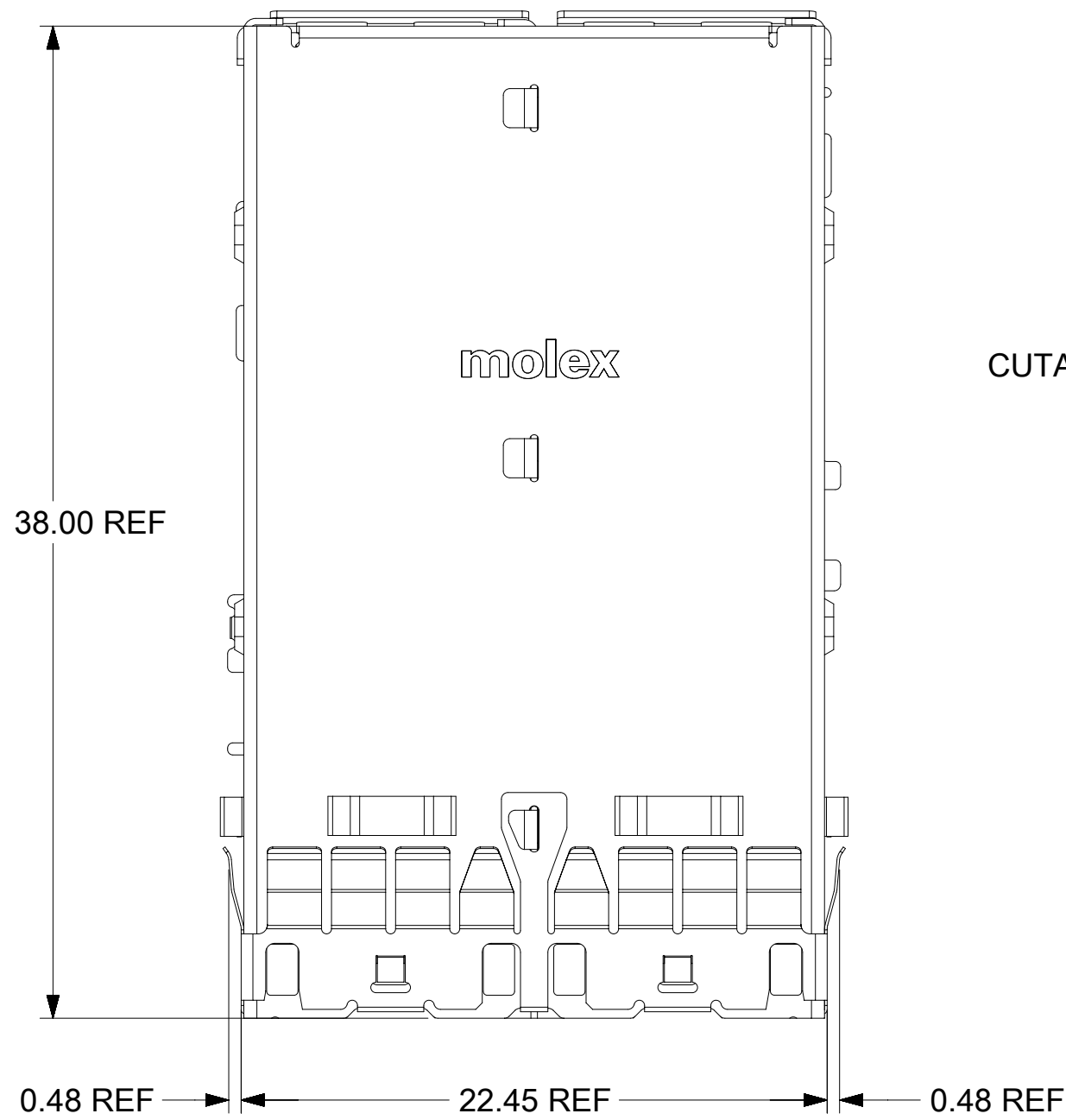


1X1 ASSEMBLY

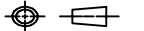
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DIMENSION UNITS		SCALE		CURRENT REV DESC:							
mm		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± °									
4 PLACES		±									
3 PLACES		± 0.1									
2 PLACES		± 0.15									
1 PLACE		± 0.25									
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION											
DRAWING		C-SIZE									
SERIES		172473									
MATERIAL NUMBER		SEE TABLE									
CUSTOMER		GENERAL MARKET									
SHEET NUMBER		2 OF 9									

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28	19:22:30
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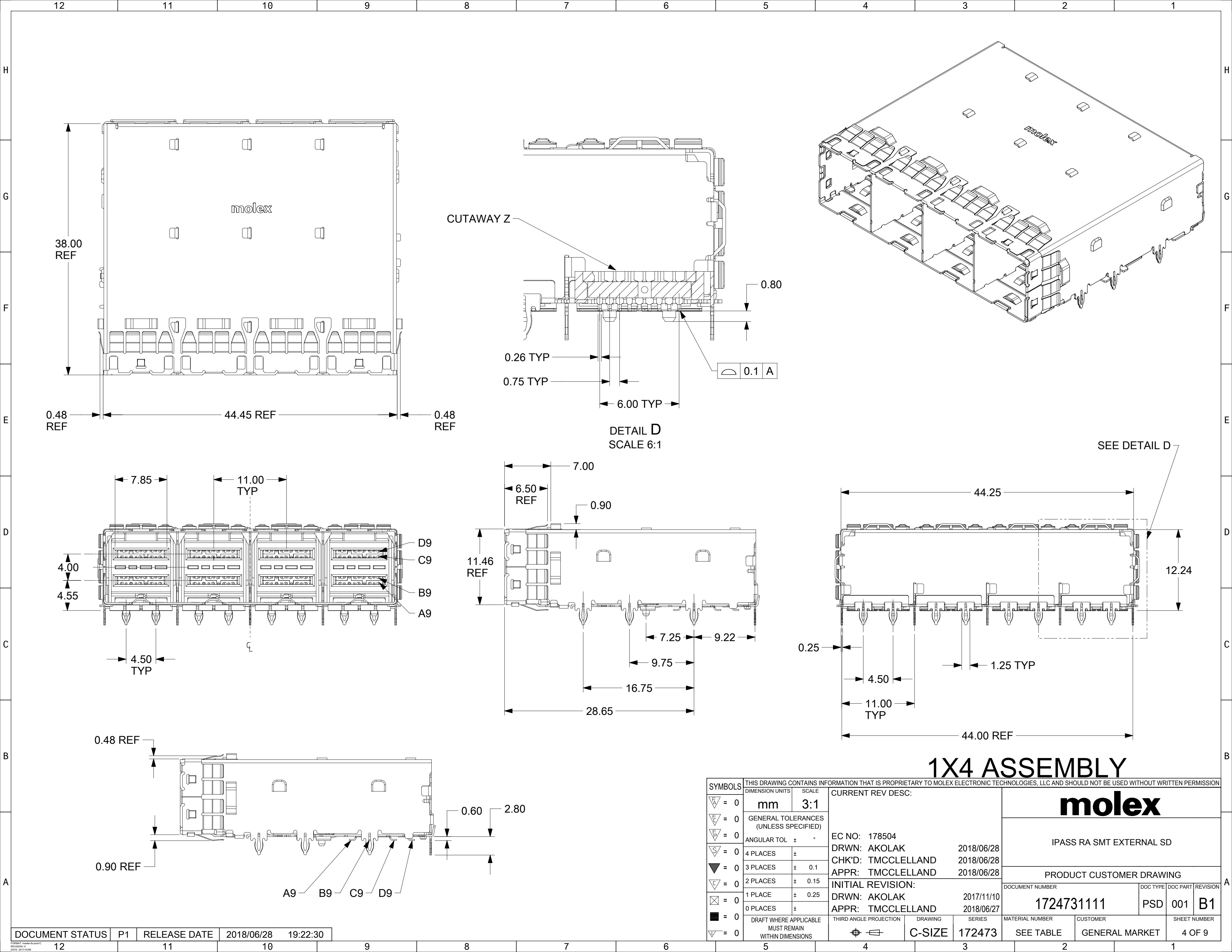
12 11 10 9 8 7 6 5 4 3 2 1



1X2 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:				molex									
mm		4:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 178504 DRWN: AKOLAK 2018/06/28 CHK'D: TMCCLLELAND 2018/06/28 APPR: TMCCLLELAND 2018/06/28				IPASS RA SMT EXTERNAL SD					
ANGULAR TOL ± °																	
4 PLACES		±		DRWN: AKOLAK 2017/11/10 APPR: TMCCLLELAND 2018/06/27				PRODUCT CUSTOMER DRAWING									
3 PLACES		± 0.1															
2 PLACES		± 0.15		INITIAL REVISION:				DOCUMENT NUMBER 1724731111			DOC TYPE PSD	DOC PART 001	REVISION B1				
1 PLACE		± 0.25															
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						C-SIZE		172473		SEE TABLE		GENERAL MARKET		3 OF 9			

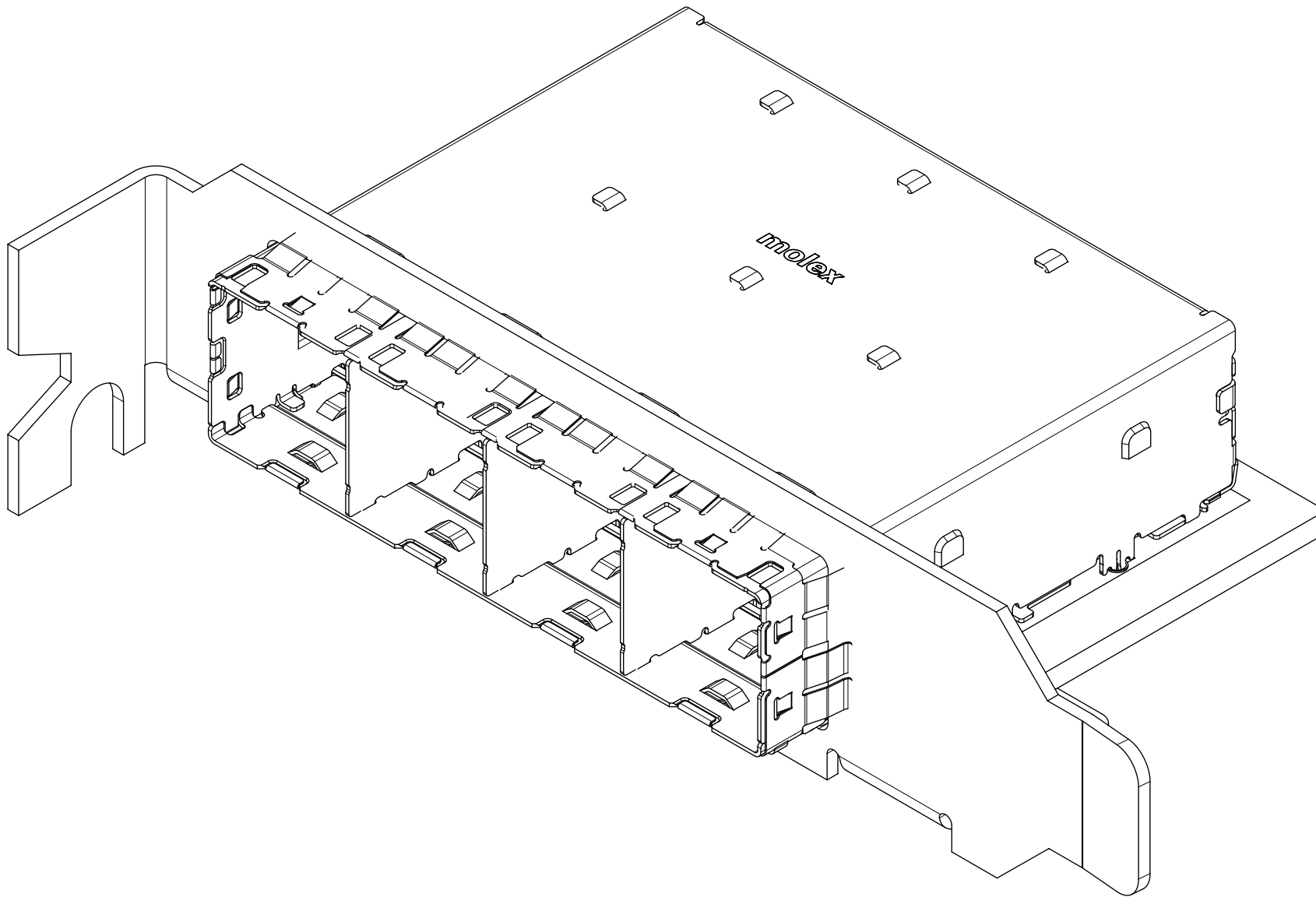
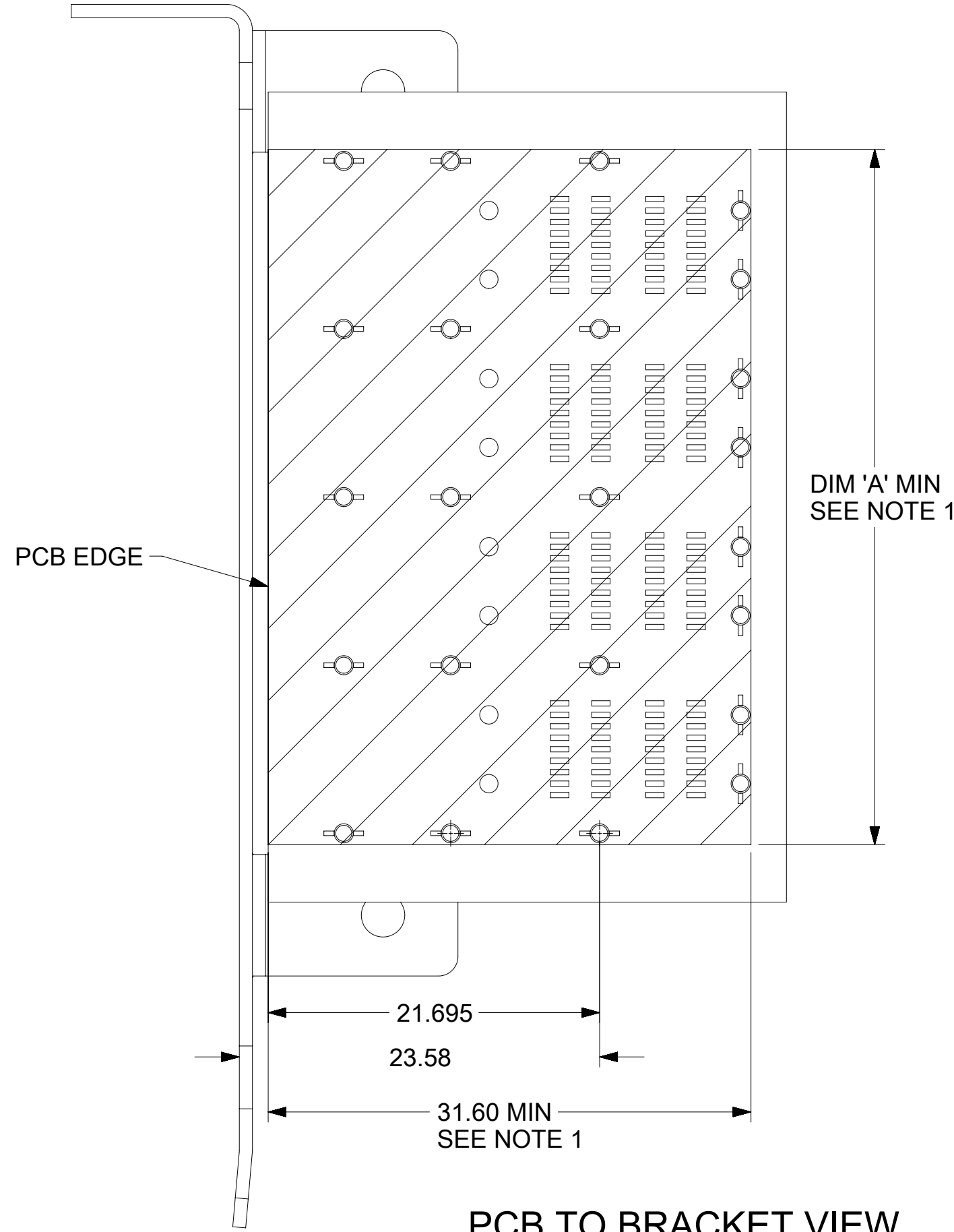
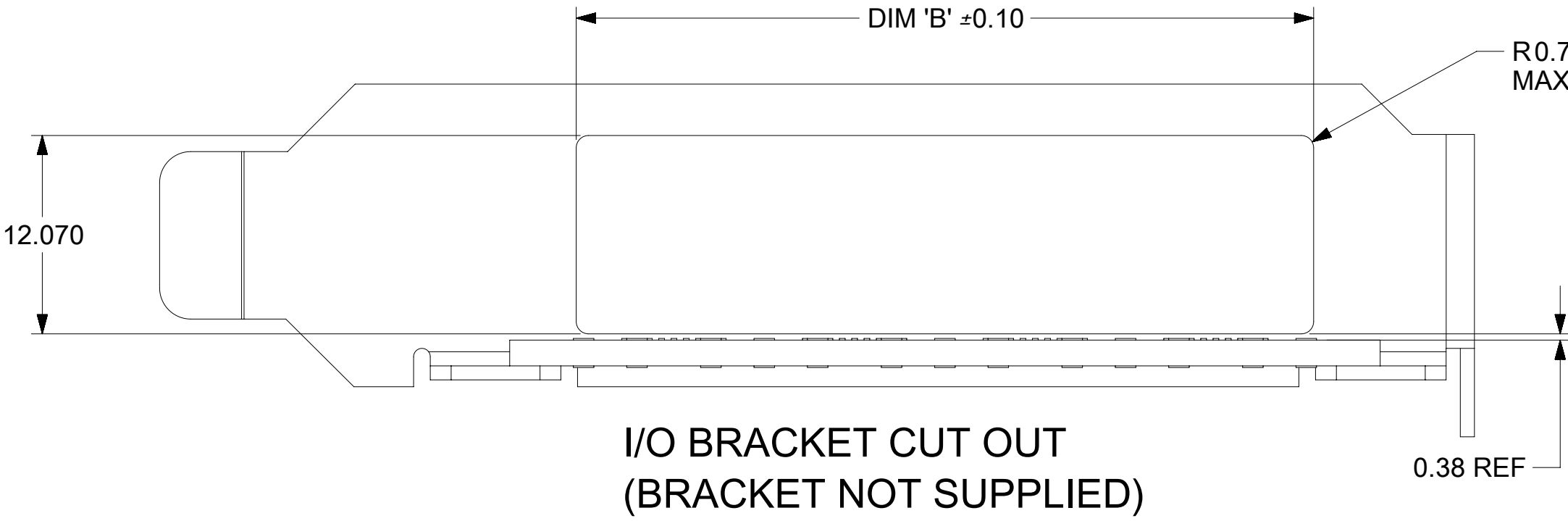
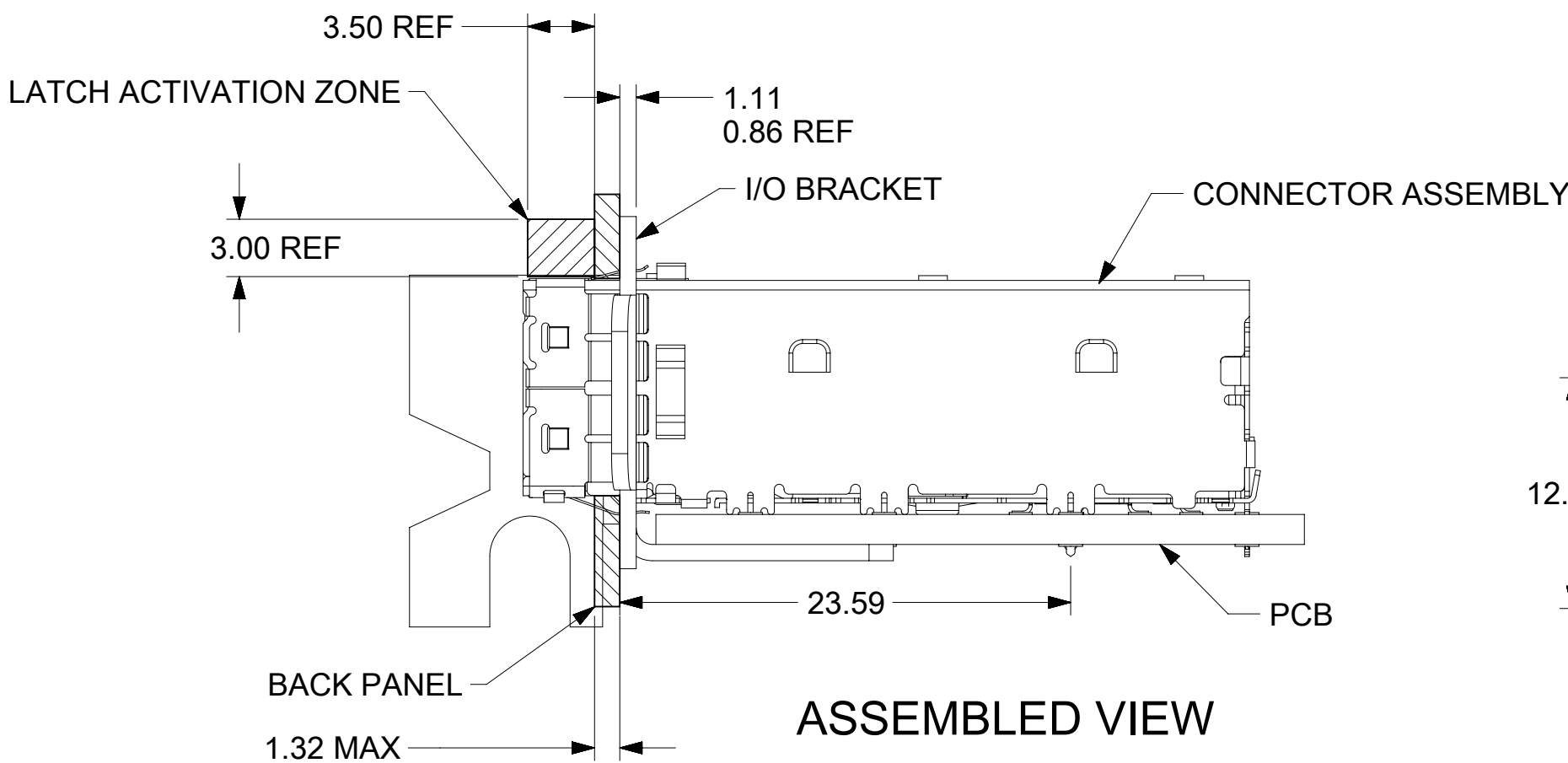
DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28	19:22:30
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SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 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					moLEX IPASS RA SMT EXTERNAL SD								
	mm		3:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	ANGULAR TOL		± °		INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCCLLELAND 2018/06/27					DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
	4 PLACES		±							1724731111				PSD	001	B1		
	3 PLACES		± 0.1															
	2 PLACES		± 0.15		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					MATERIAL NUMBER				CUSTOMER			SHEET NUMBER	
	1 PLACE		± 0.25							SEE TABLE				GENERAL MARKET			4 OF 9	
	0 PLACES		±															
	THIRD ANGLE PROJECTION		DRAWING		SERIES													
		C-SIZE		172473														

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28	19:22:30
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PCI ADD IN CARD APPLICATION



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

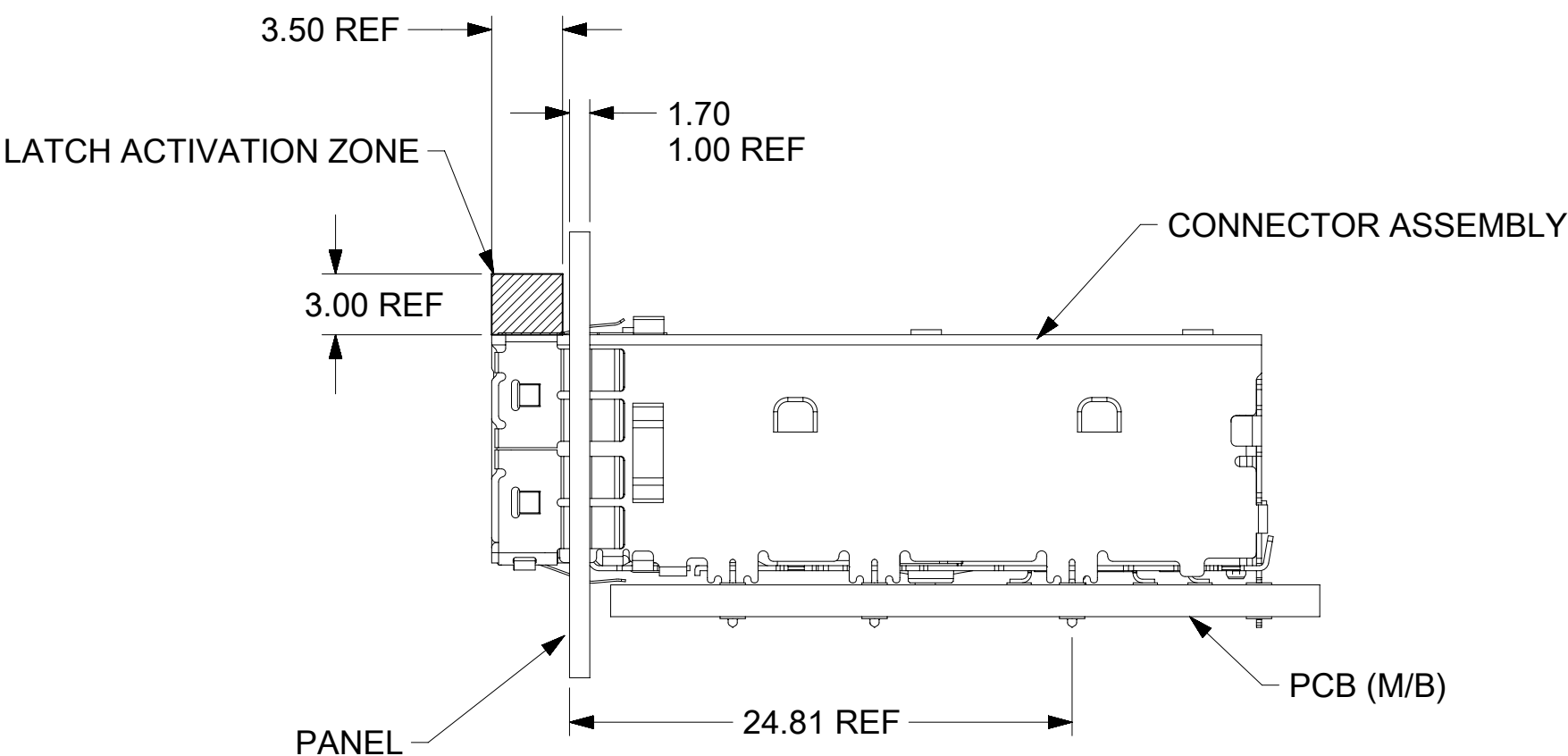
CONFIGURATION	DIM 'A' (MIN)	DIM 'B'
1 X 1	12.00.	11.90
1 X 2	23.00	22.90
1 X 4	45.00	44.90

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:			
	= 0	DIMENSION UNITS	SCALE	EC NO: 178504 DRWN: AKOLAK 2018/06/28 CHK'D: TMCLELLAND 2018/06/28 APPR: TMCLELLAND 2018/06/28			
	= 0	mm	3:1				
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCLELLAND 2018/06/27			
	= 0	ANGULAR TOL	± °				
	= 0	4 PLACES	±	THIRD ANGLE PROJECTION			
	= 0	3 PLACES	± 0.1				
	= 0	2 PLACES	± 0.15	DRAWING		SERIES	172473
	= 0	1 PLACE	± 0.25	C-SIZE			
	= 0	0 PLACES	±	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		GENERAL MARKET	5 OF 9

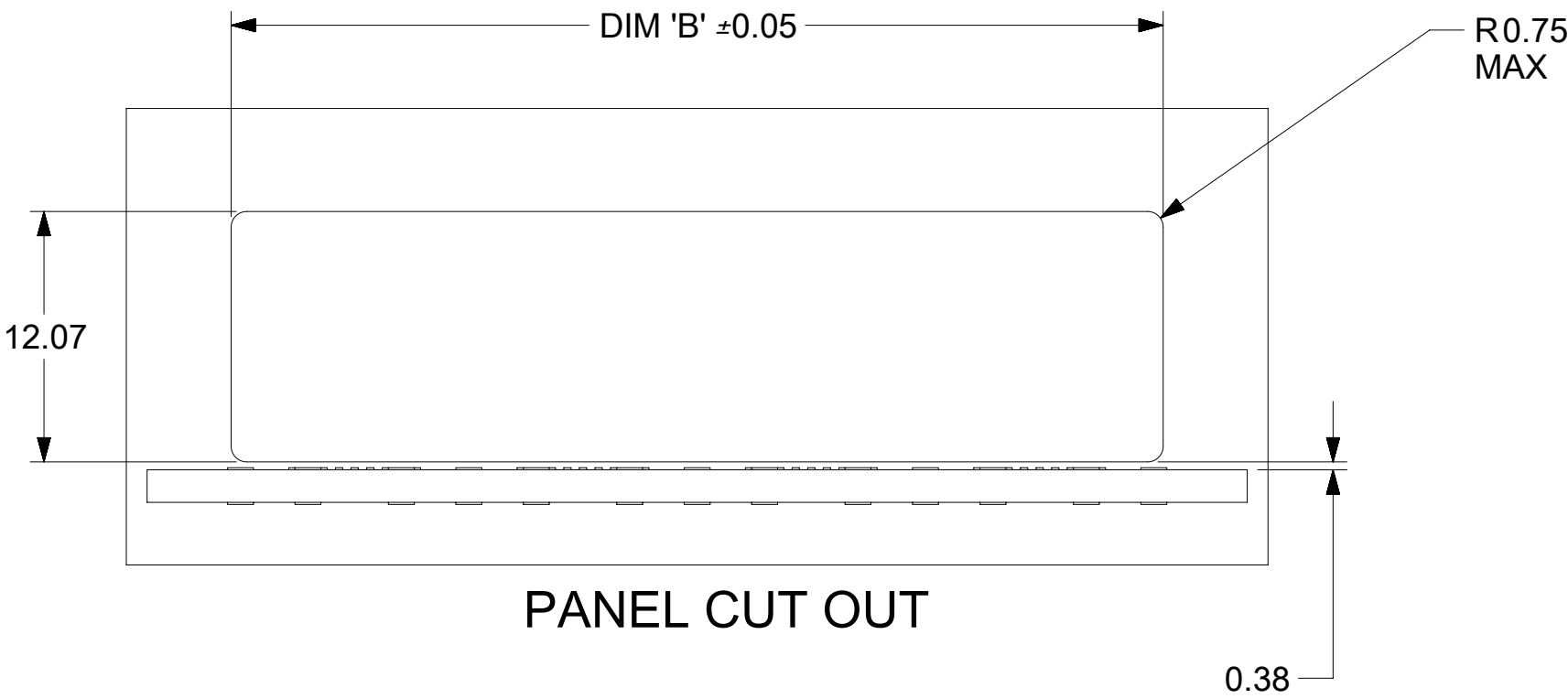
molex			
IPASS RA SMT EXTERNAL SD			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724731111	PSD	001	B1

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28 19:22:30
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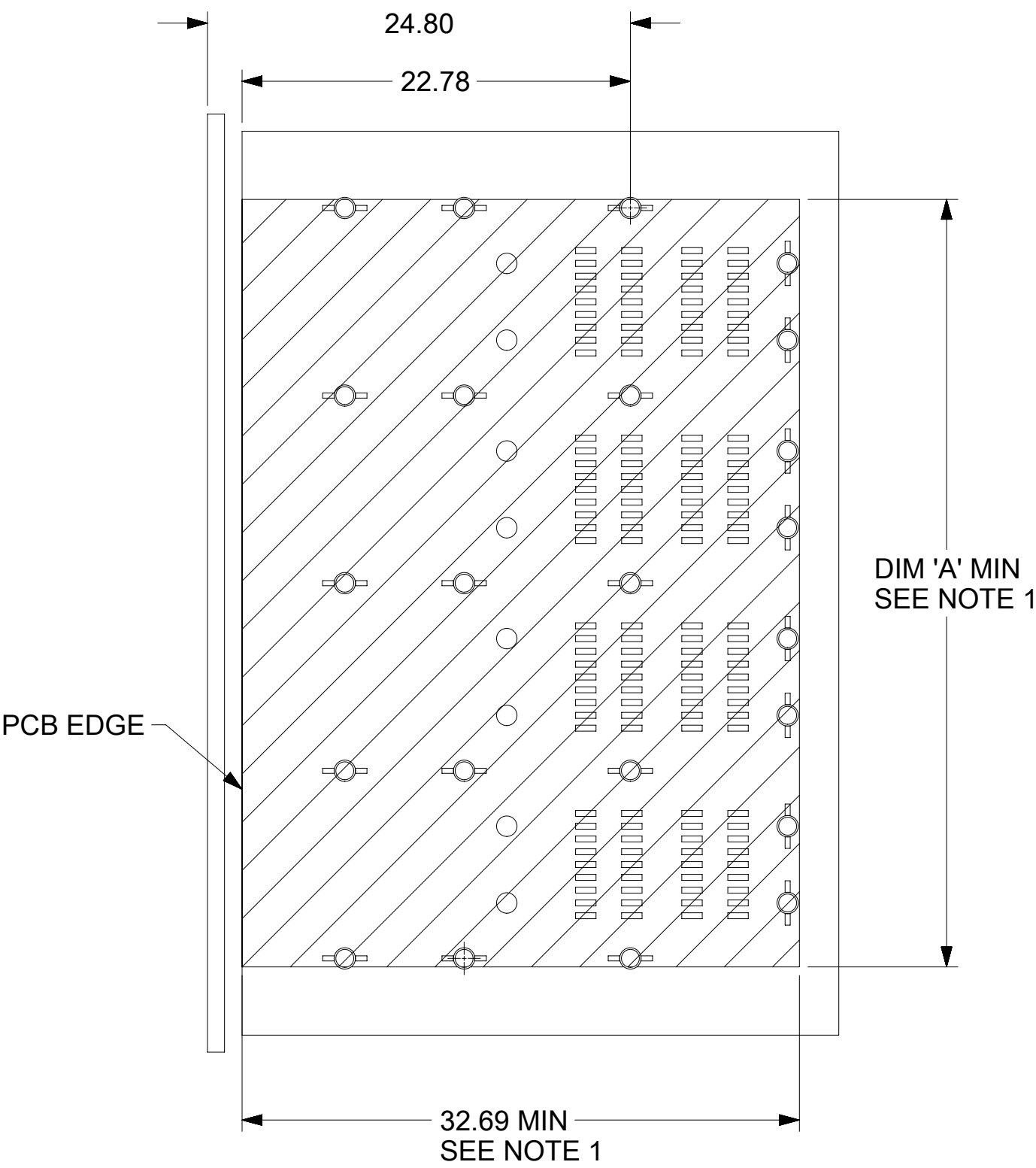
MOTHERBOARD APPLICATION



ASSEMBLED VIEW

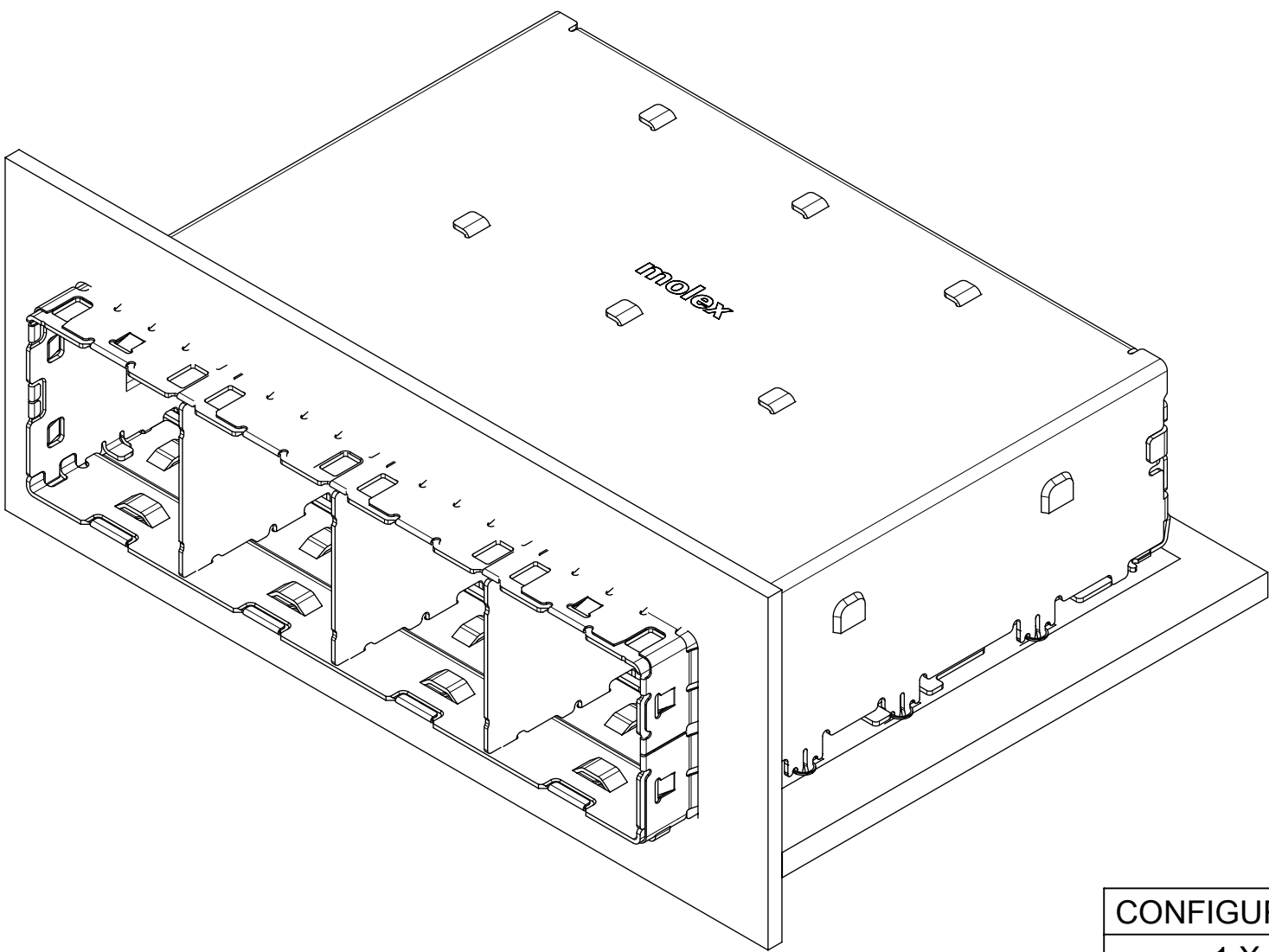


PANEL CUT OUT



PCB TO PANEL VIEW

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

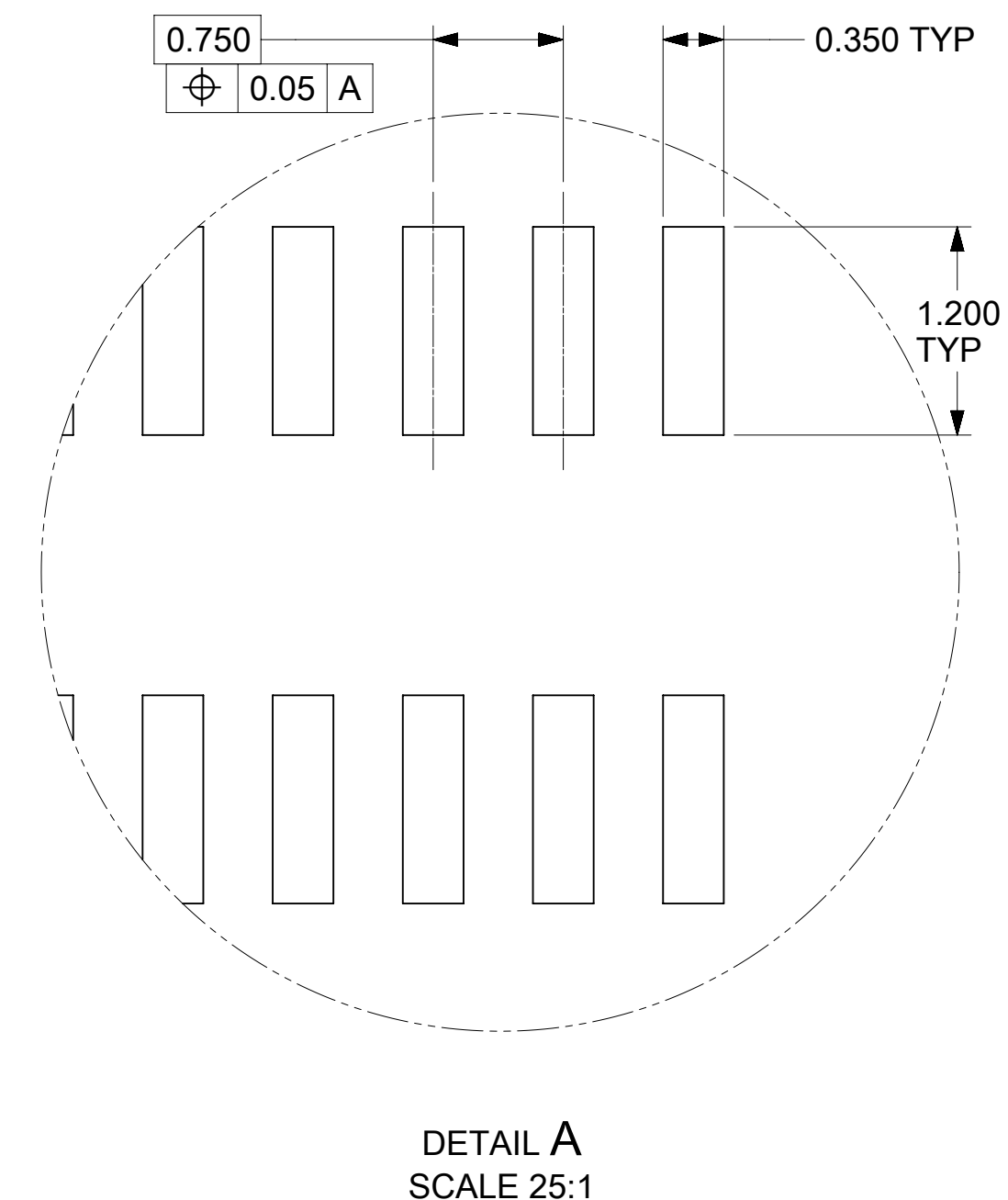


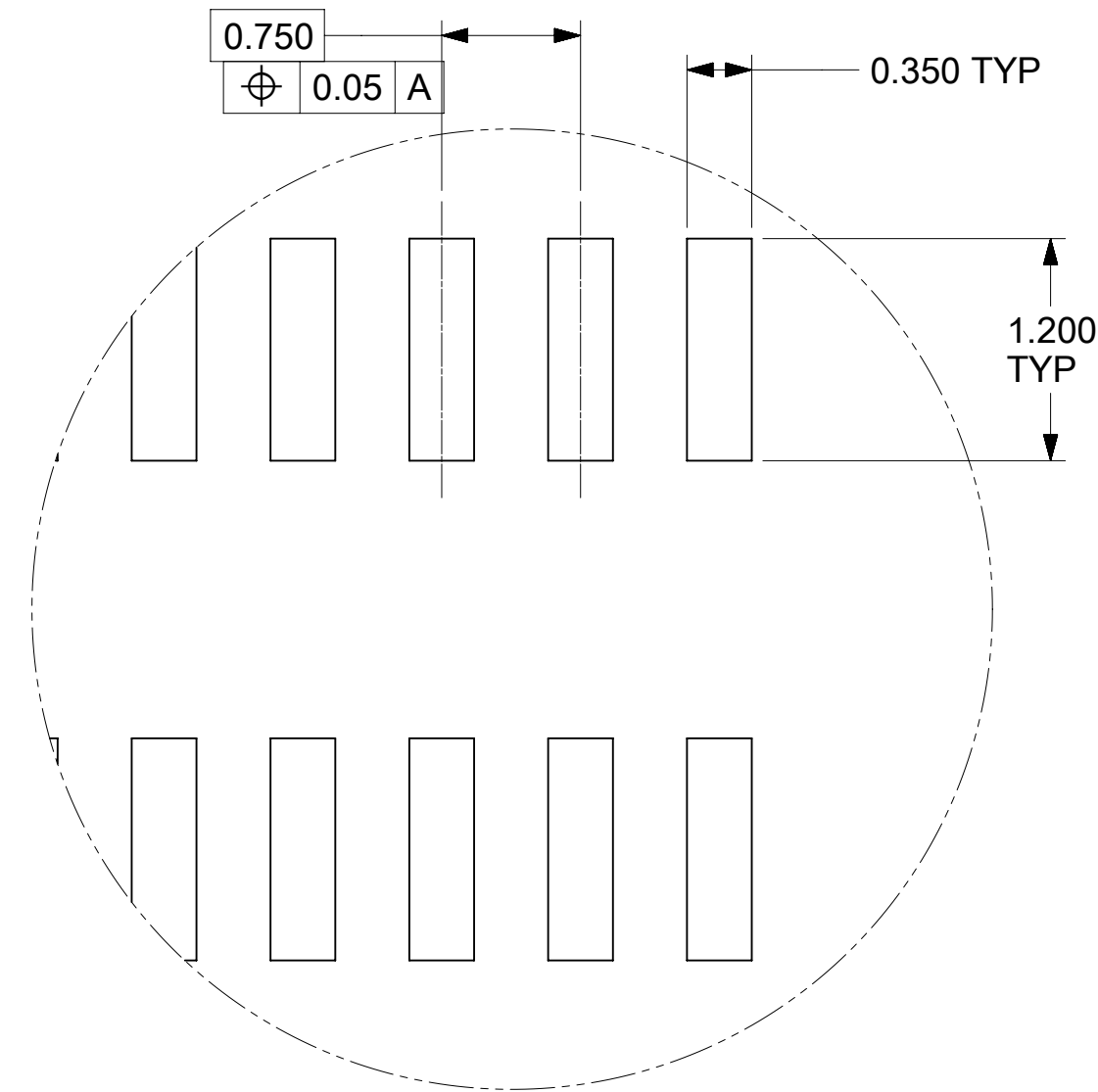
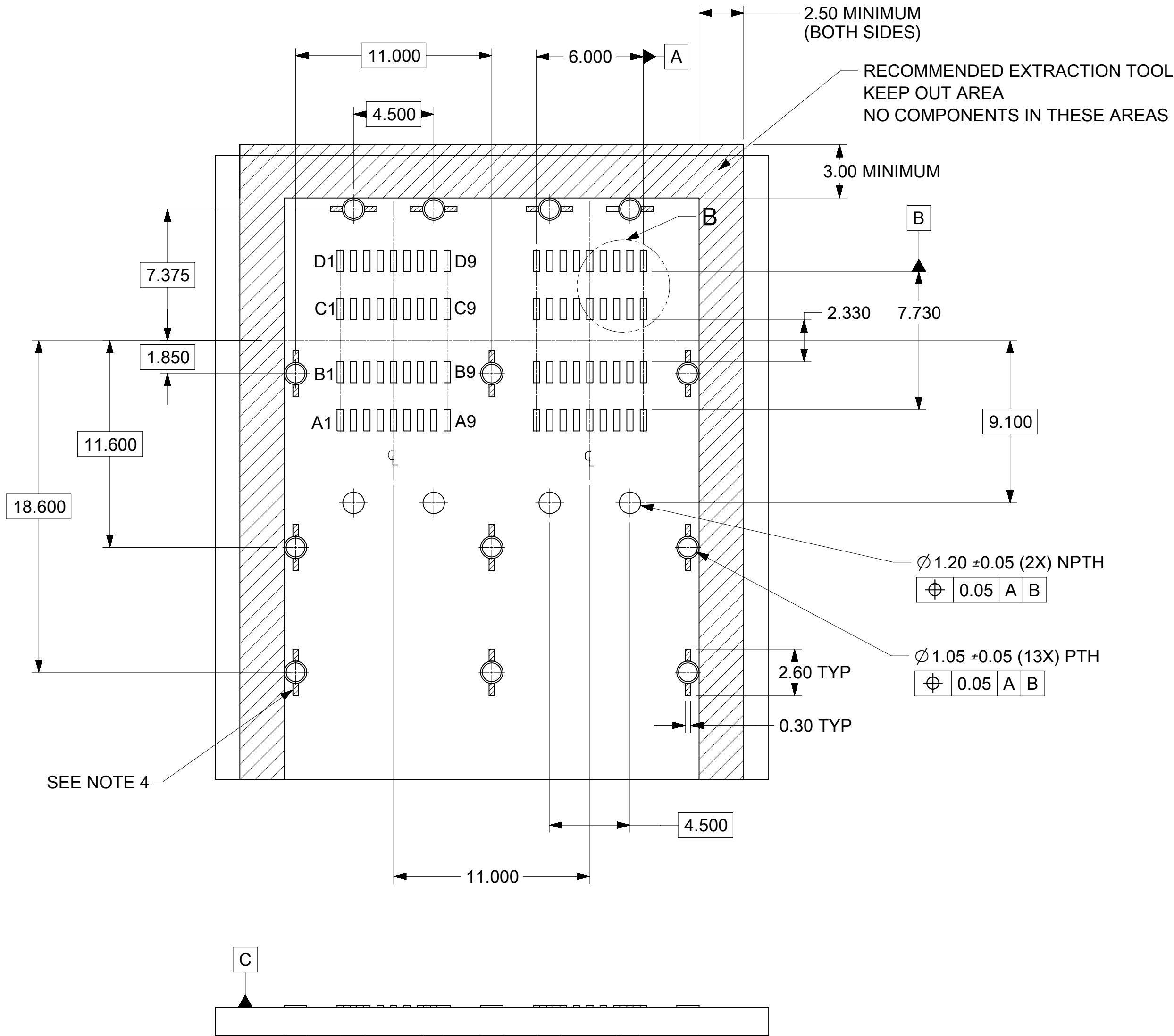
CONFIGURATION	DIM 'A' (MIN)	DIM 'B'
1 X 1	12.00.	11.90
1 X 2	23.00	22.90
1 X 4	45.00	44.90

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	3:1
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	= 0	ANGULAR TOL	± °
	= 0	4 PLACES	±
	= 0	3 PLACES	± 0.1
	= 0	2 PLACES	± 0.15
	= 0	1 PLACE	± 0.25
	= 0	0 PLACES	±
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION
		CURRENT REV DESC:	
		EC NO: 178504	
		DRWN: AKOLAK	2018/06/28
		CHK'D: TMCCLELLAND	2018/06/28
		APPR: TMCCLELLAND	2018/06/28
		INITIAL REVISION:	
		DRWN: AKOLAK	2017/11/10
		APPR: TMCCLELLAND	2018/06/27
		DRAWING	SERIES
		C-SIZE	172473
		MATERIAL NUMBER	CUSTOMER
		SEE TABLE	GENERAL MARKET
		DOCUMENT NUMBER	SHEET NUMBER
		1724731111	6 OF 9

molex			
IPASS RA SMT EXTERNAL SD			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724731111	PSD	001	B1

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28	19:22:30
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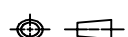


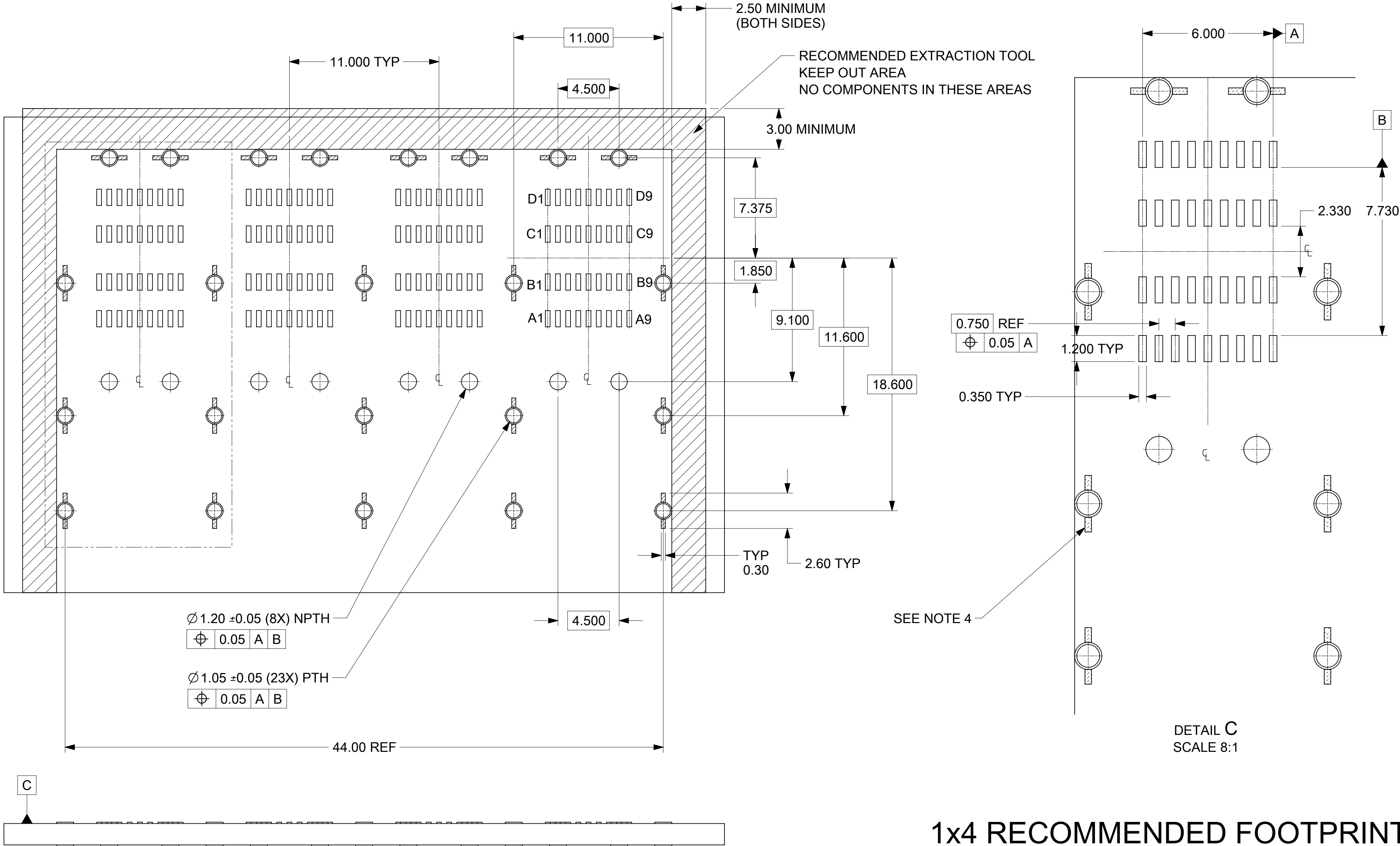


DETAIL B
SCALE 25:1

- 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	EC NO: 178504 DRWN: AKOLAK 2018/06/28 CHK'D: TMCCLELLAND 2018/06/28 APPR: TMCCLELLAND 2018/06/28							
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
 = 0	ANGULAR TOL ± °									
 = 0	4 PLACES	±	INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCCLELLAND 2018/06/27			PRODUCT CUSTOMER DRAWING				
 = 0	3 PLACES	± 0.1								
 = 0	2 PLACES	± 0.15								
 = 0	1 PLACE	± 0.25								
 = 0	0 PLACES	±	THIRD ANGLE PROJECTION 			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					DRAWING		SERIES	MATERIAL NUMBER	
			C-SIZE		172473	SEE TABLE		GENERAL MARKET		8 OF 9



- NOTES:
1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 1.05Ø FINISHED PTH - REFER TO APPLICATION SPECIFICATION 1724730001
 2. MINIMUM RECOMMENDED SPACING: 51.00MM
 3. MINIMUM PCB THICKNESS: 1.57MM
 4. CAGE KEEP OUT ZONE: TRACES AND VIAS ARE NOT ALLOWED ON SURFACE OF PCB IN THESE AREAS.

1x4 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:
mm		5:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL		± °	
4 PLACES		±	
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
		C-SIZE	172473
EC NO: 178504		DRWN: AKOLAK	2018/06/28
CHK'D: TMCCLELLAND		APPR: TMCCLELLAND	2018/06/28
INITIAL REVISION:		DRWN: AKOLAK	2017/11/10
		APPR: TMCCLELLAND	2018/06/27
DOCUMENT NUMBER		DOC TYPE	DOC PART
1724731111		PSD	001
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
SEE TABLE		GENERAL MARKET	9 OF 9

molex

IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING

1724731111

PSD 001 B1

SEE TABLE

GENERAL MARKET

9 OF 9

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