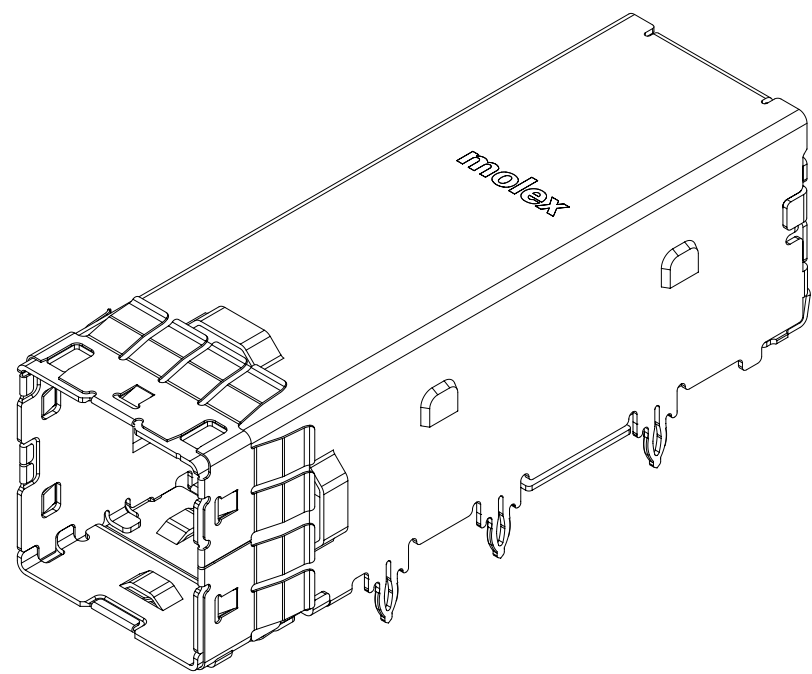


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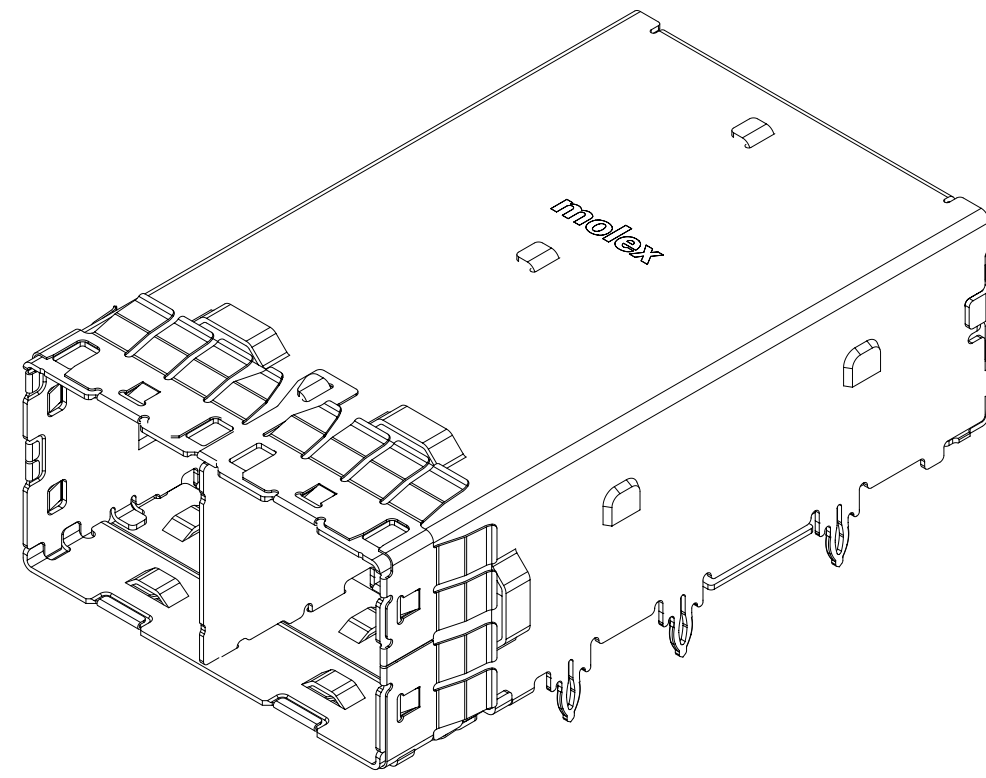
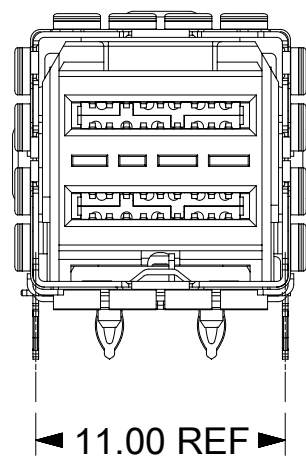
1. MATERIALS:
 CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
 GLASS FILLED, UL 94V-0, BLACK
 TERMINALS: COPPER ALLOY
 BASE PLATE: STAINLESS STEEL
2. FINISHES:
 CONTACT AREA: 0.76 μM MIN GOLD OVER 3.81 μM MIN NICKEL
 SMT TAIL: 0.075 μM MIN GOLD OVER NICKEL
3. PRODUCT SPECIFICATION: 1724730011
4. PACKAGING SPECIFICATION: PDD 1724737000
5. FOR FOOTPRINT AND ASSEMBLY APPLICATION INFORMATION
 REFER TO SALES DRAWING: PSD 1724731111
6. MOUNTING INFORMATION REFER TO
 APPLICATION SPECIFICATION: 1724730001
7. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC
 SPECIFICATION PS-45499-002

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	5:1	EC NO: 636348 DRWN: AKOLAK 2020/04/22 CHK'D: VSHAH 2020/04/27 APPR: VSHAH 2020/04/27						
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					INITIAL REVISION: DRWN: AKOLAK 2018/04/09 APPR: TMCLELLAND 2018/06/27			DOCUMENT NUMBER
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▽ = 0	4 PLACES ±					THIRD ANGLE PROJECTION 			MATERIAL NUMBER
▽ = 0	3 PLACES ± 0.1		C-SIZE 172473						1724736001
▽ = 0	2 PLACES ± 0.15					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
▽ = 0	1 PLACE ± 0.25		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
▽ = 0	0 PLACES ±					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

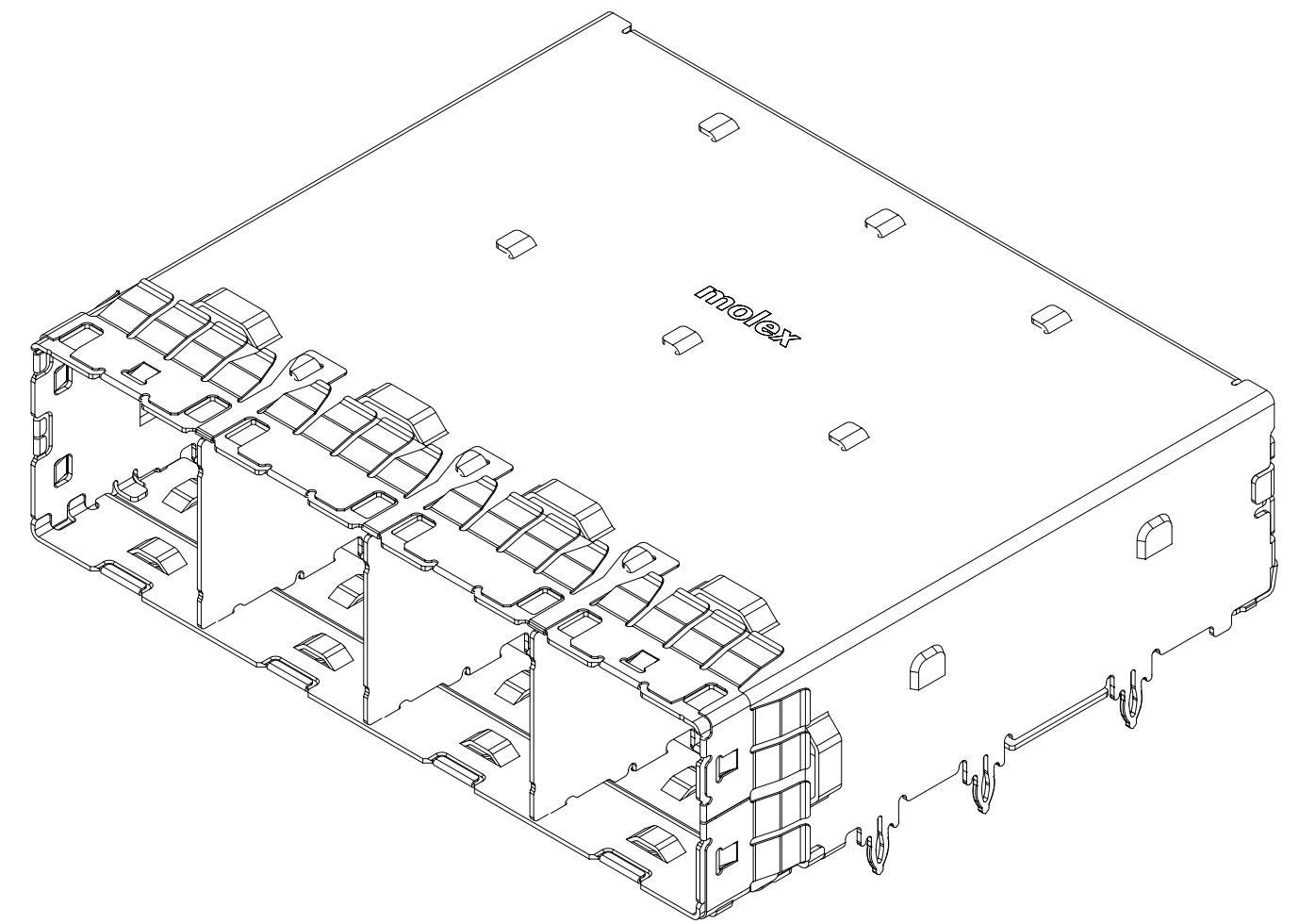
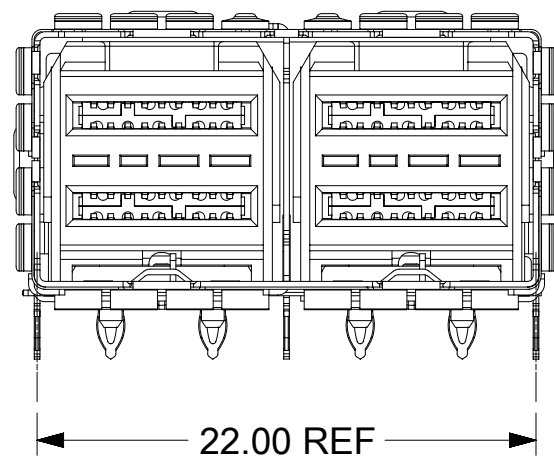
DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27	21:20:48
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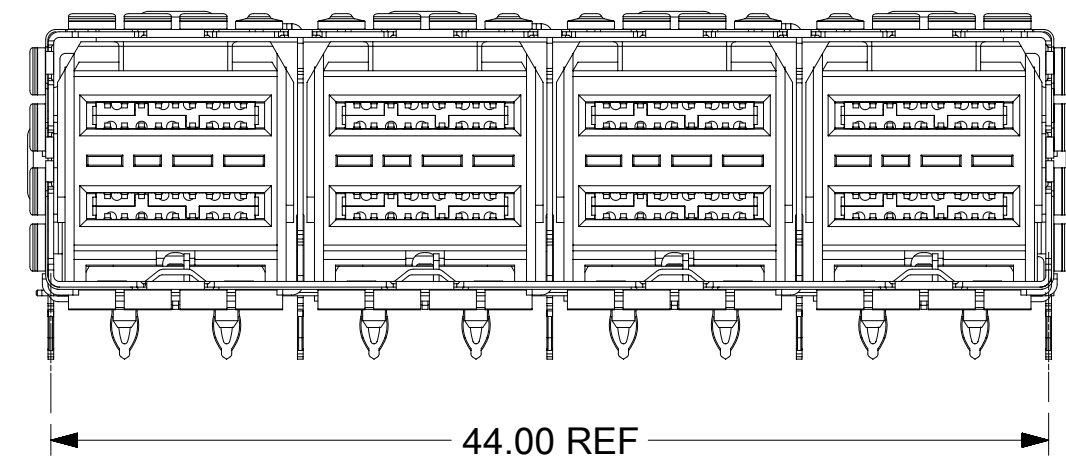
1 X 1



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	
DIMENSION UNITS	SCALE	CURRENT REV DESC:	
= 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		
= 0	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	172473
		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: TMCLELLAND	2018/06/27
		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
		1724731111	PSD 001 B2
		MATERIAL NUMBER	CUSTOMER
		SEE TABLE	GENERAL MARKET
			SHEET NUMBER
			1 OF 9

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IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION

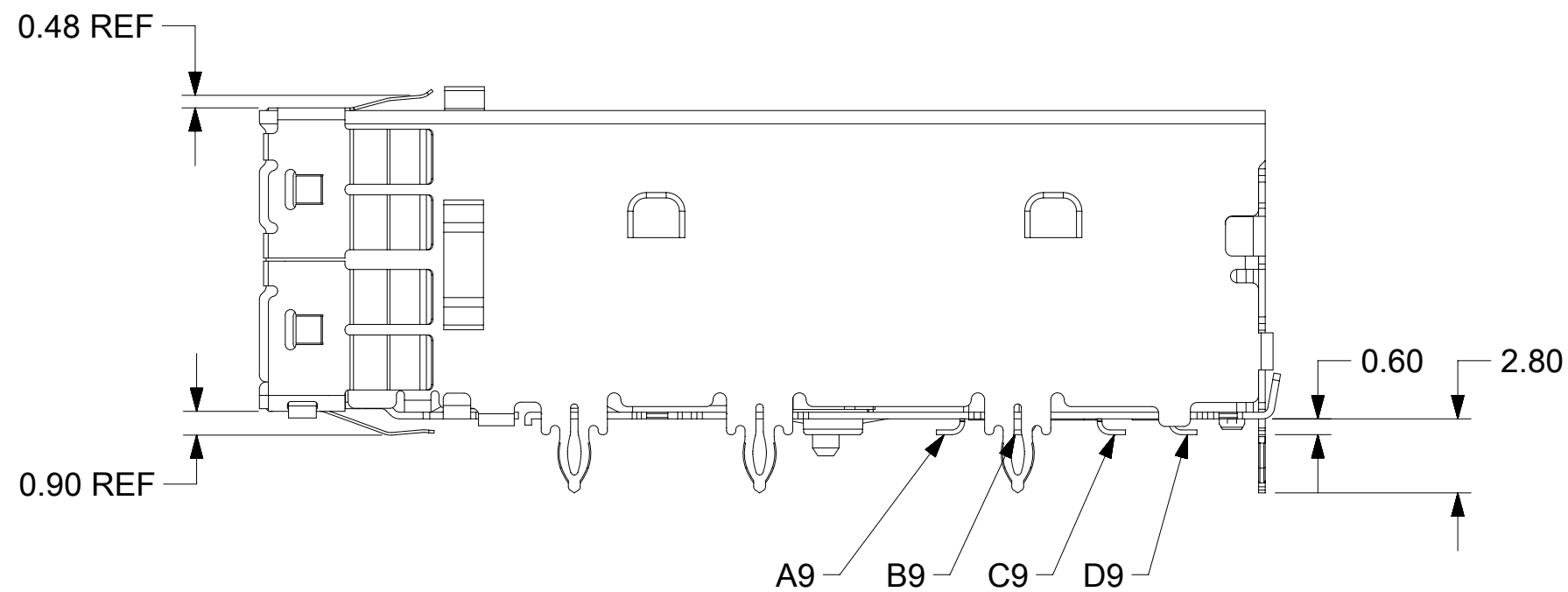
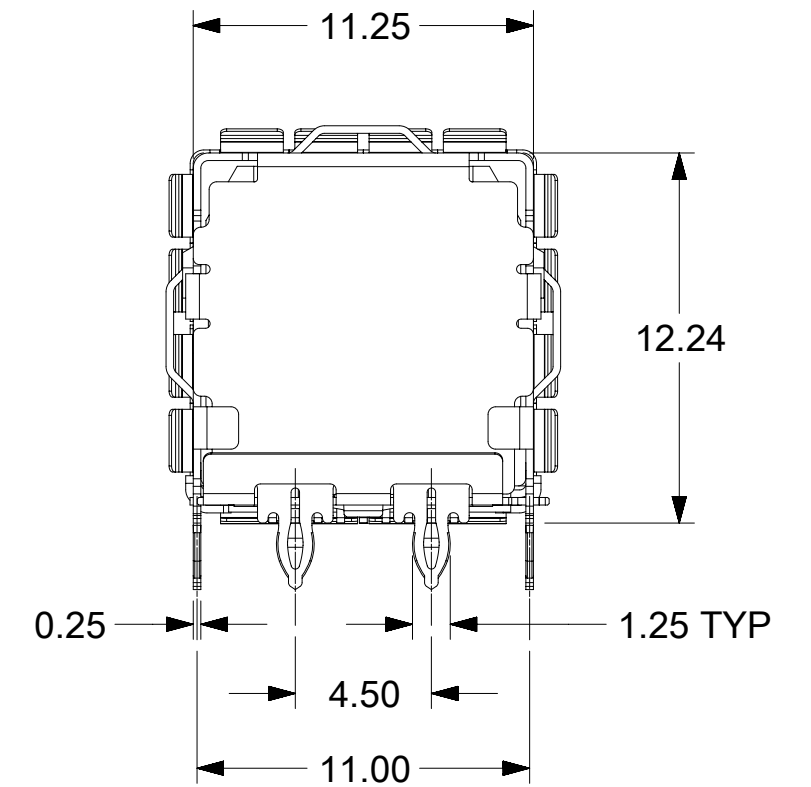
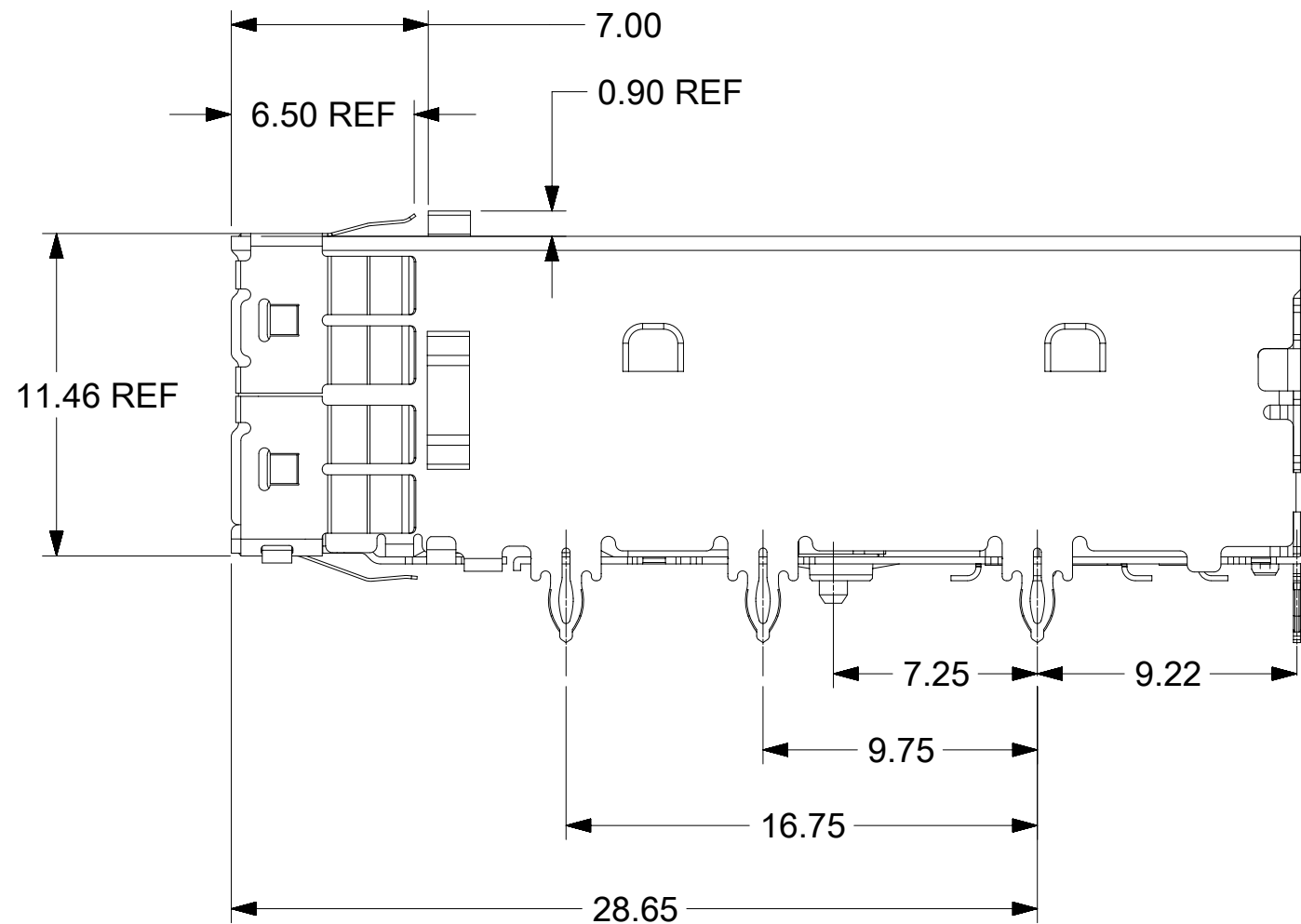
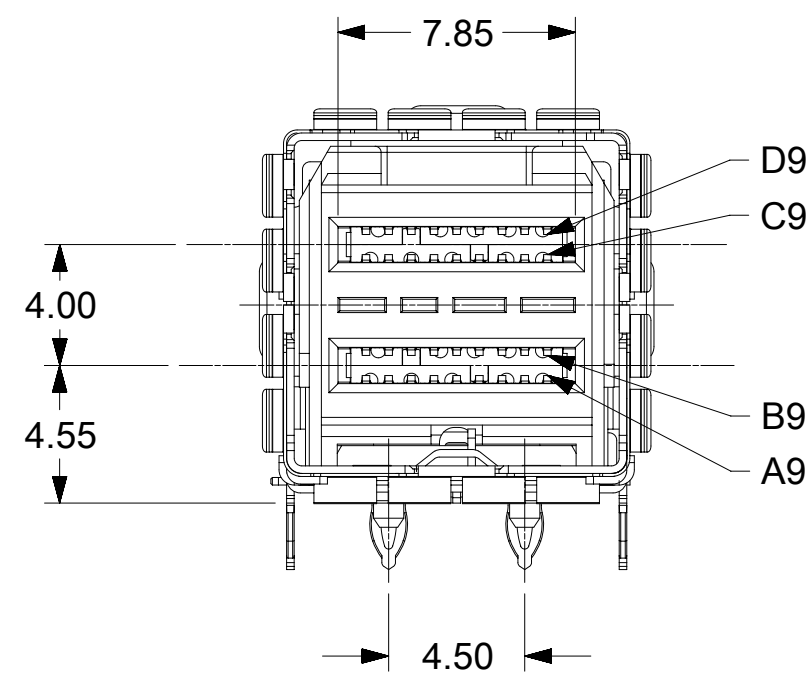
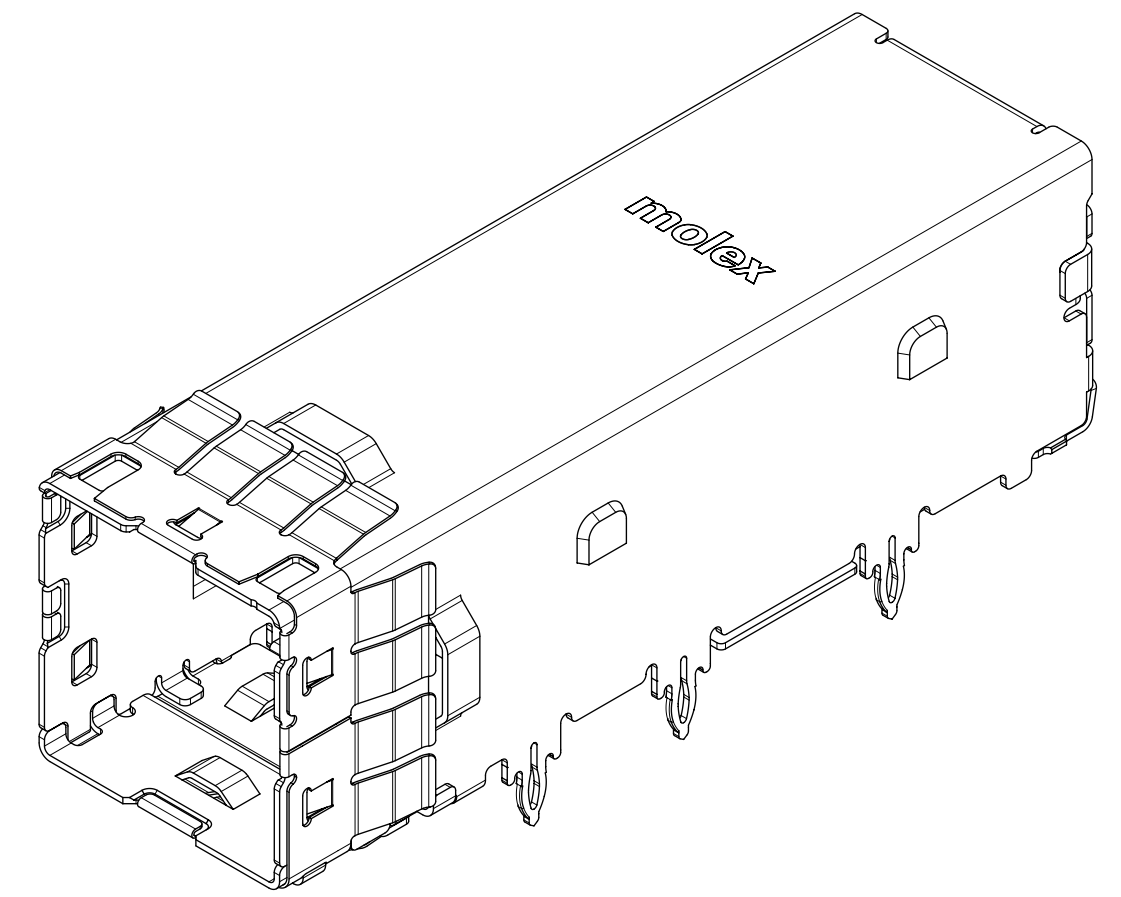
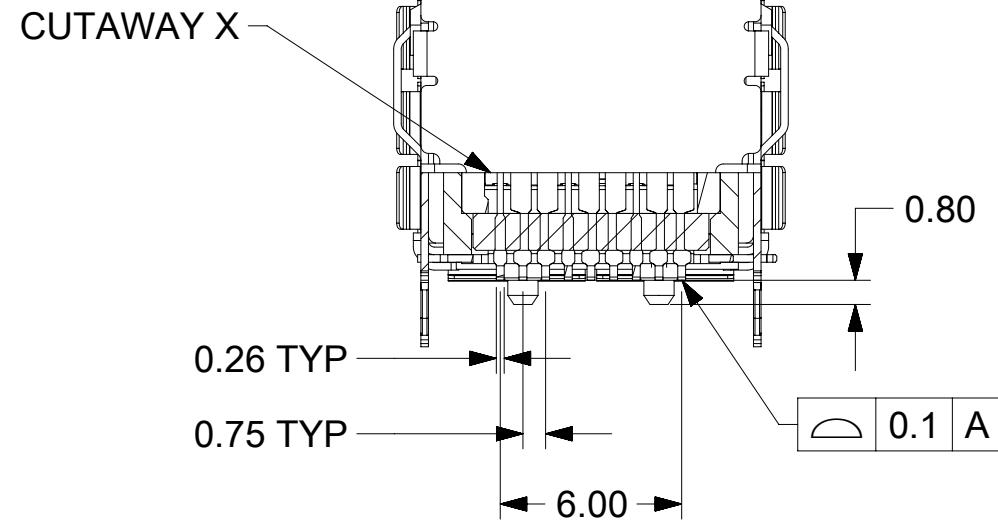
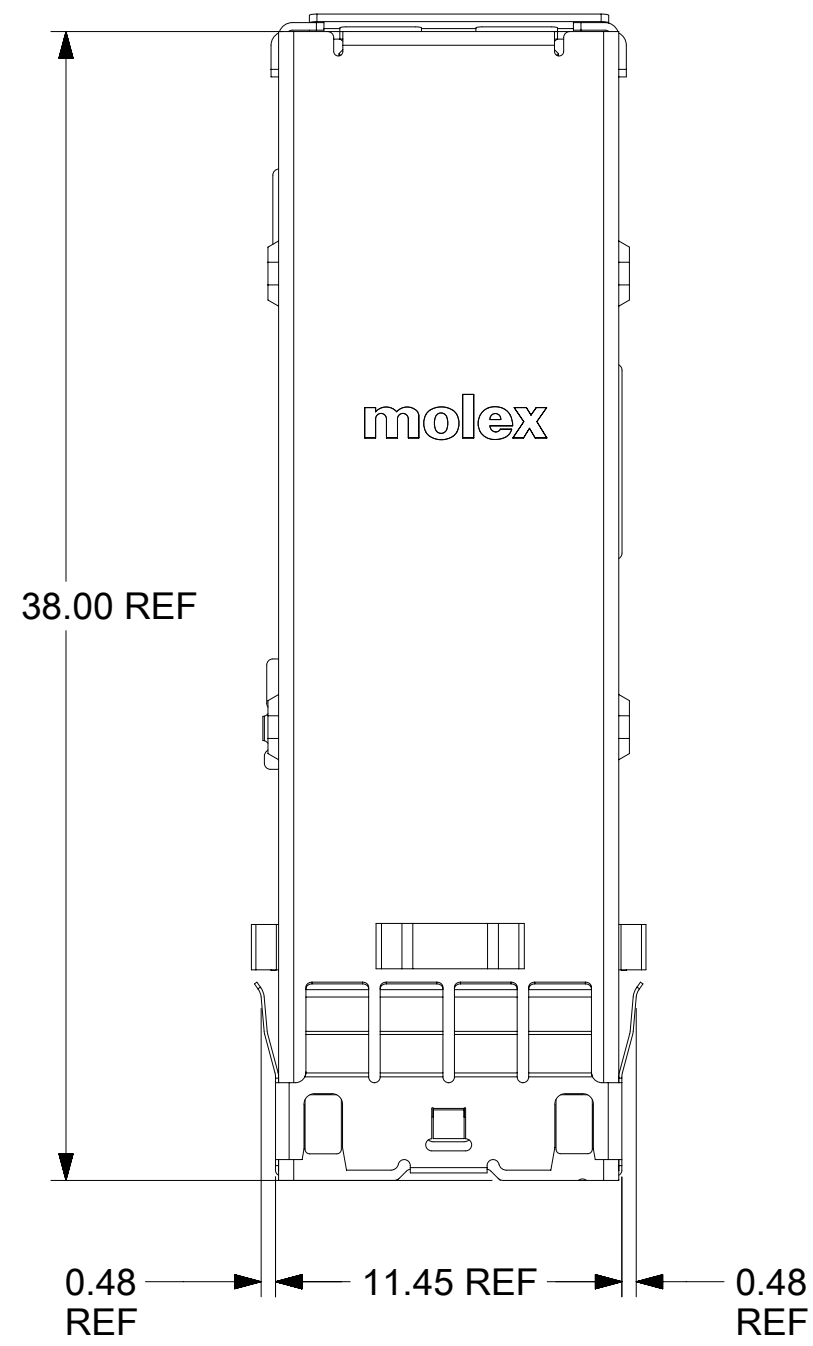
1724731111 | PSD | 001 | B2

MATERIAL NUMBER | CUSTOMER

SEE TABLE | GENERAL MARKET | SHEET NUMBER

1 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/27	21:20:48
12	11	10	9	8



1X1 ASSEMBLY

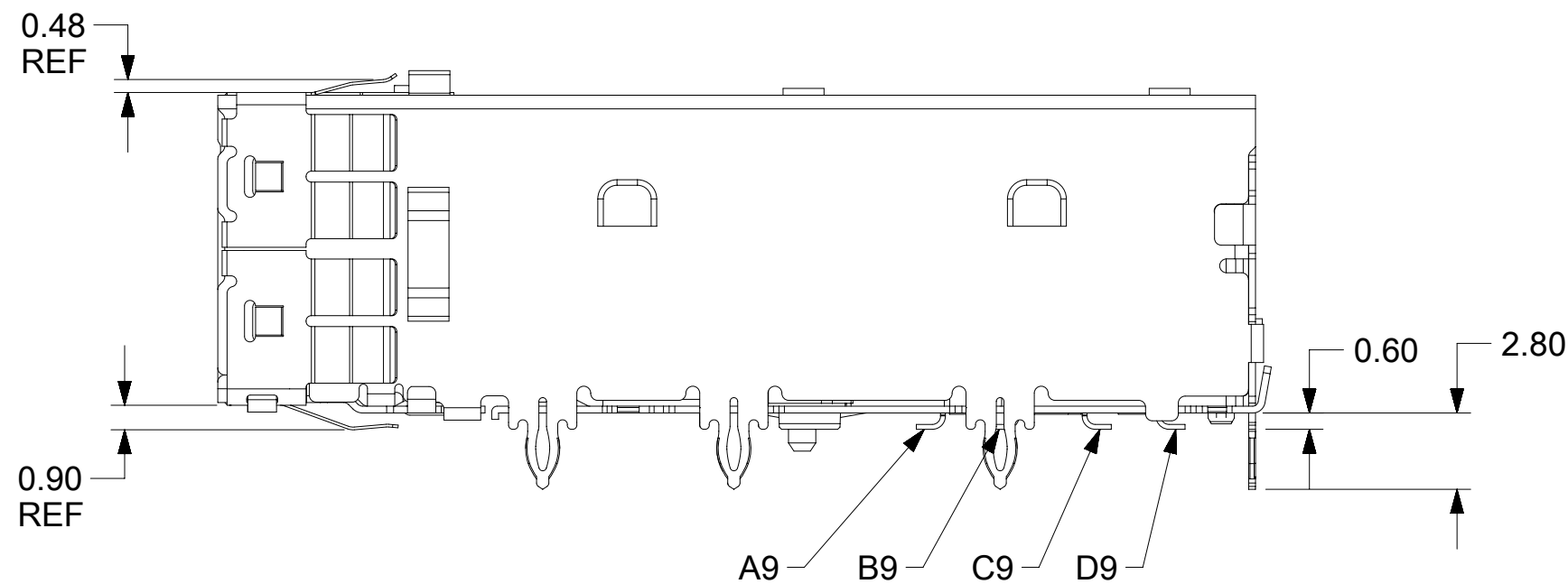
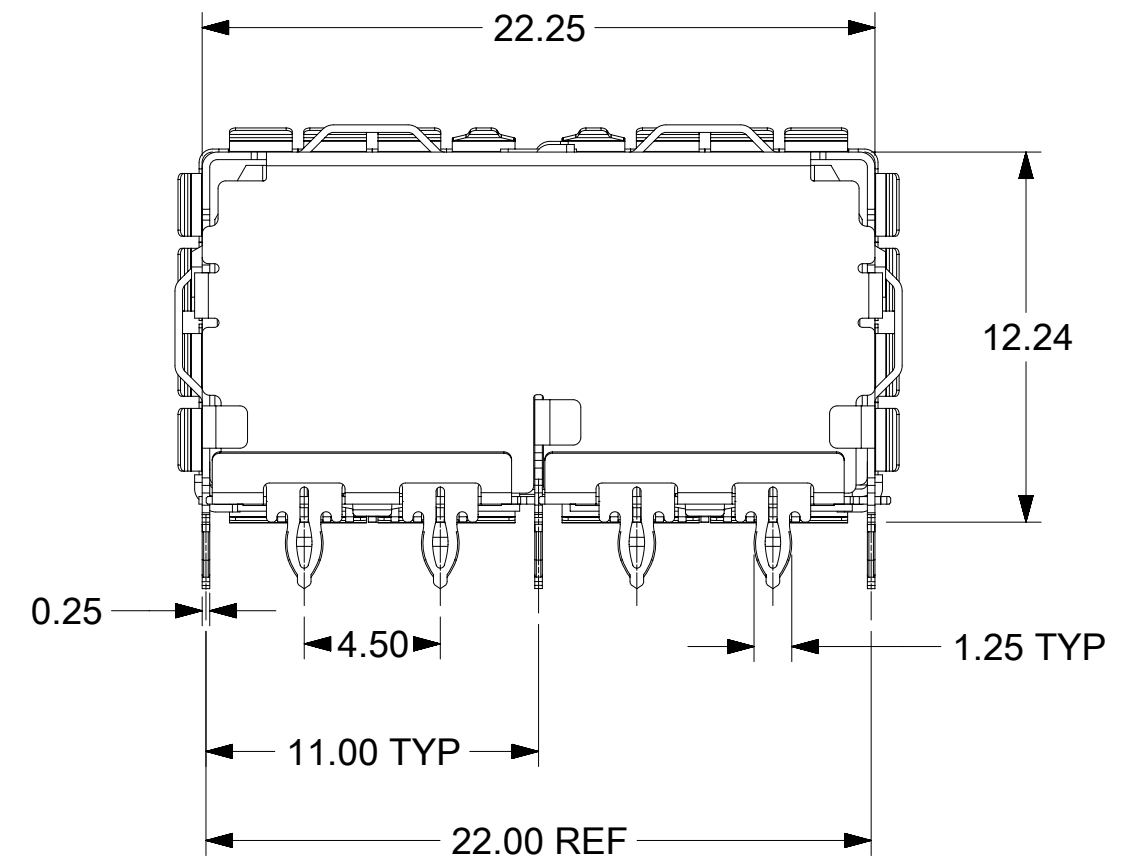
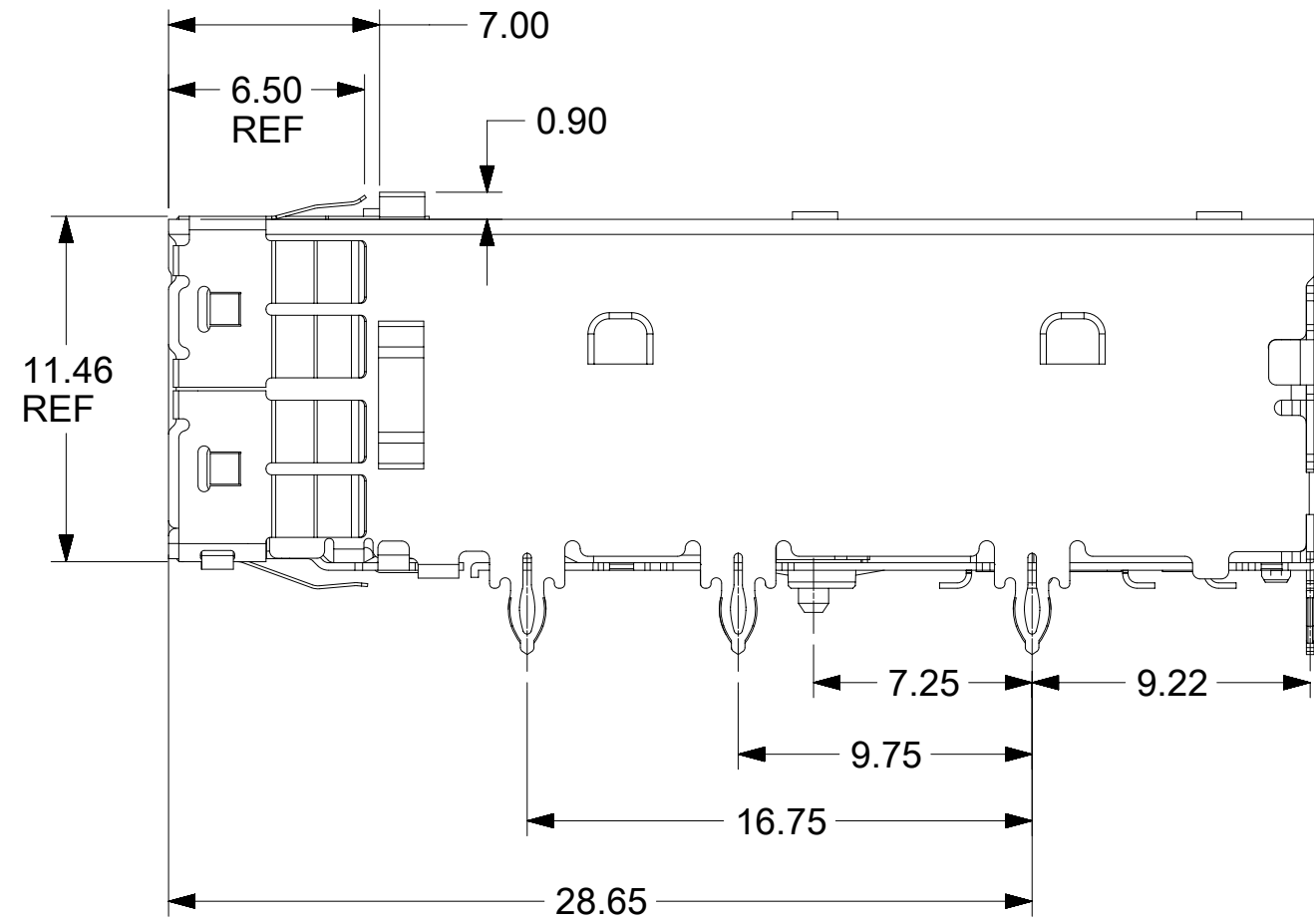
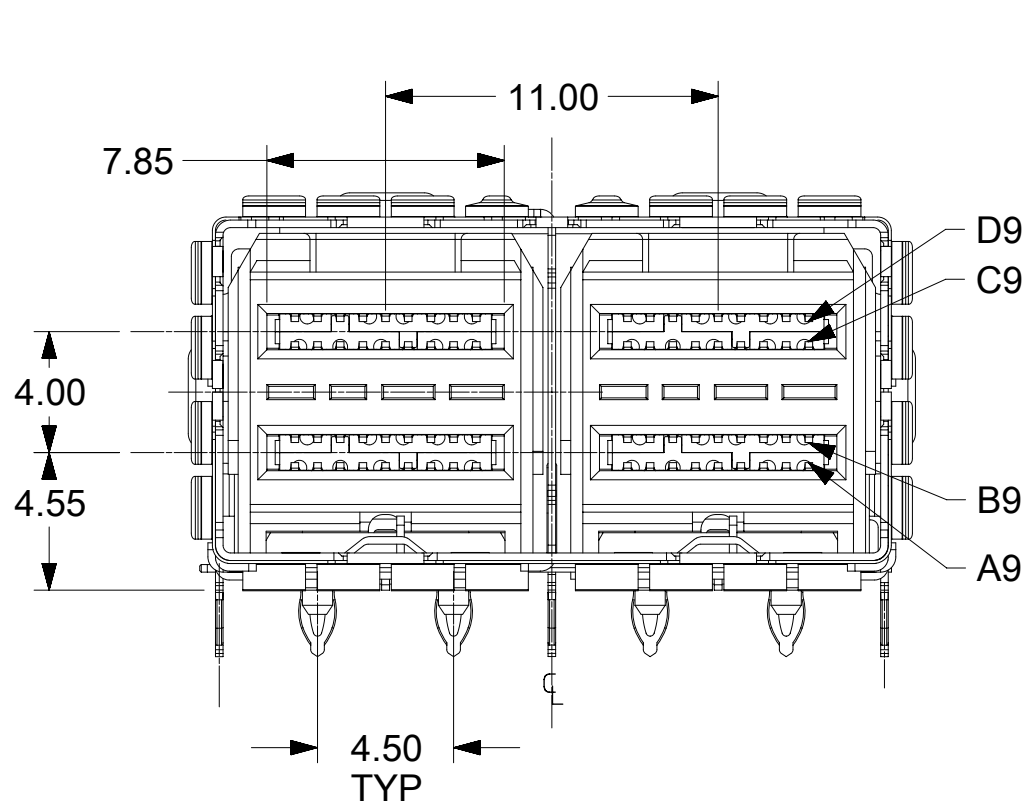
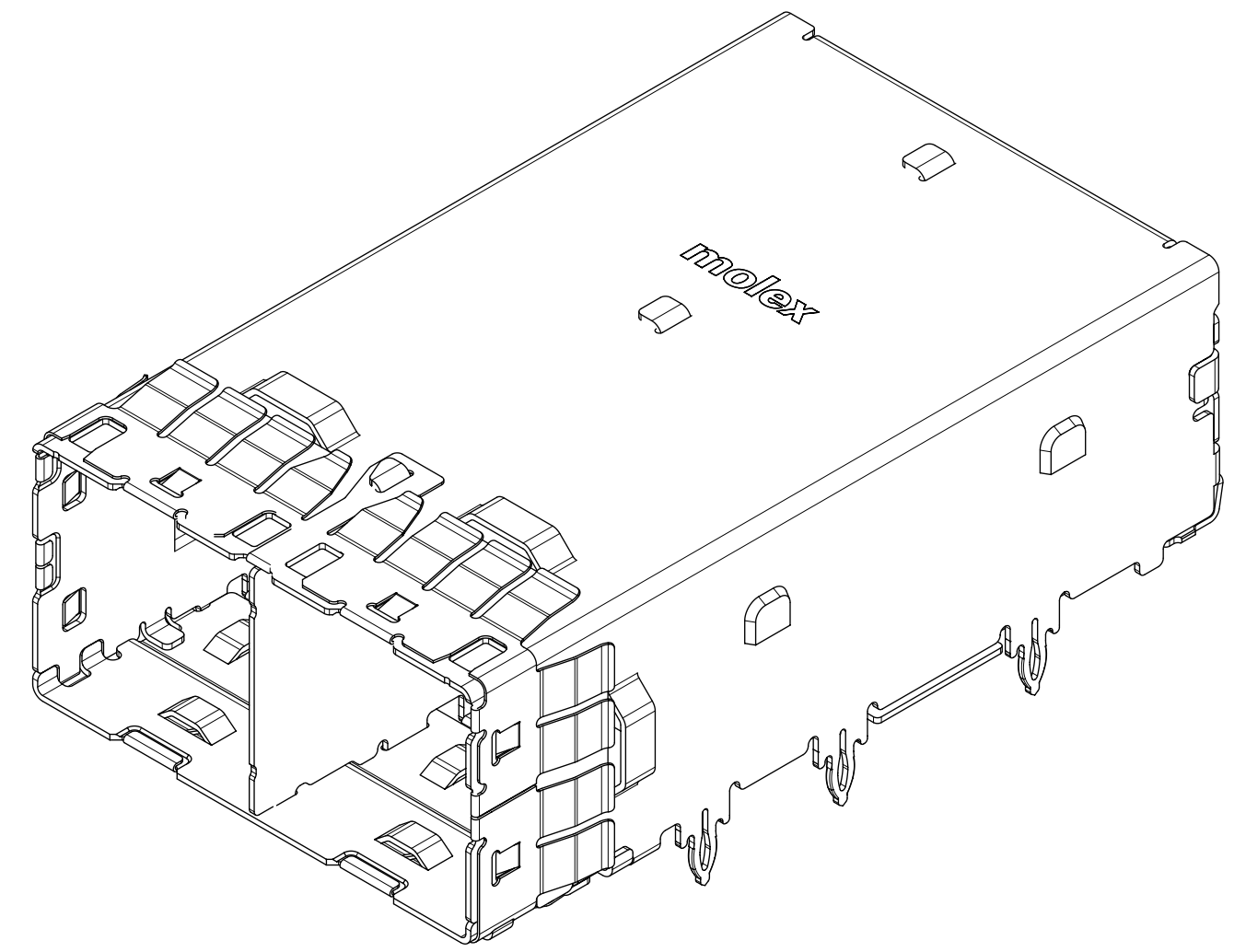
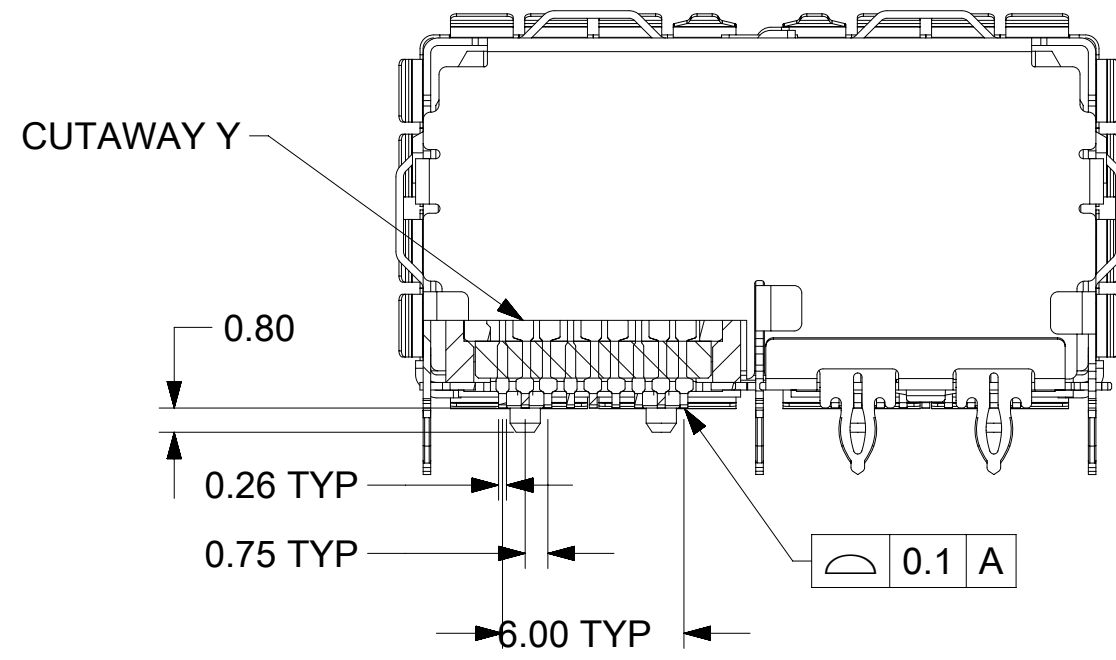
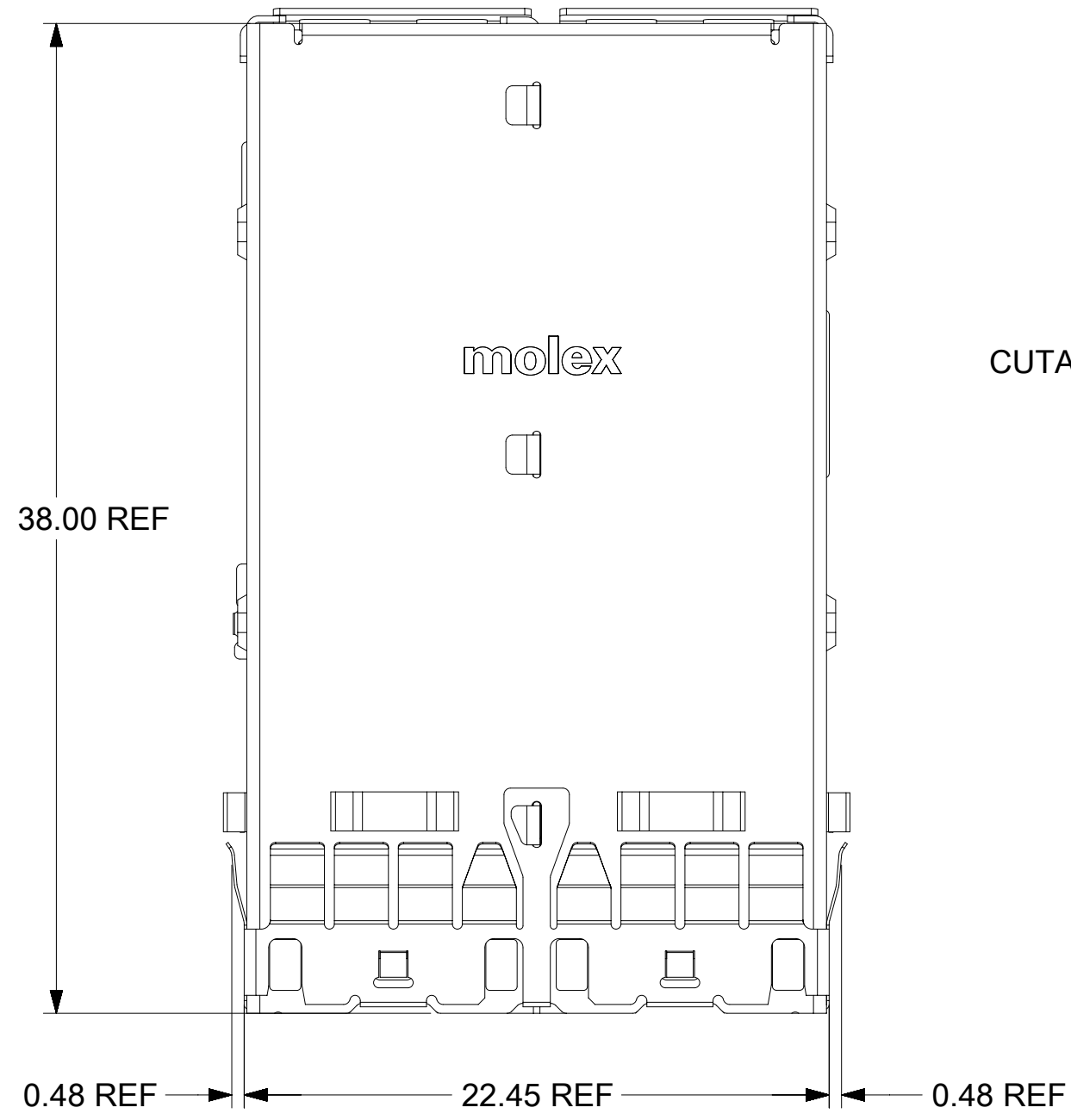
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	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 636348		2020/04/22	
	= 0	ANGULAR TOL ± °		DRWN: AKOLAK		2020/04/27	
	= 0	4 PLACES	±	CHK'D: VSHAH		2020/04/27	
	= 0	3 PLACES	± 0.1	APPR: VSHAH		2020/04/27	
	= 0	2 PLACES	± 0.15	INITIAL REVISION:			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

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IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724731111	PSD	001	B2



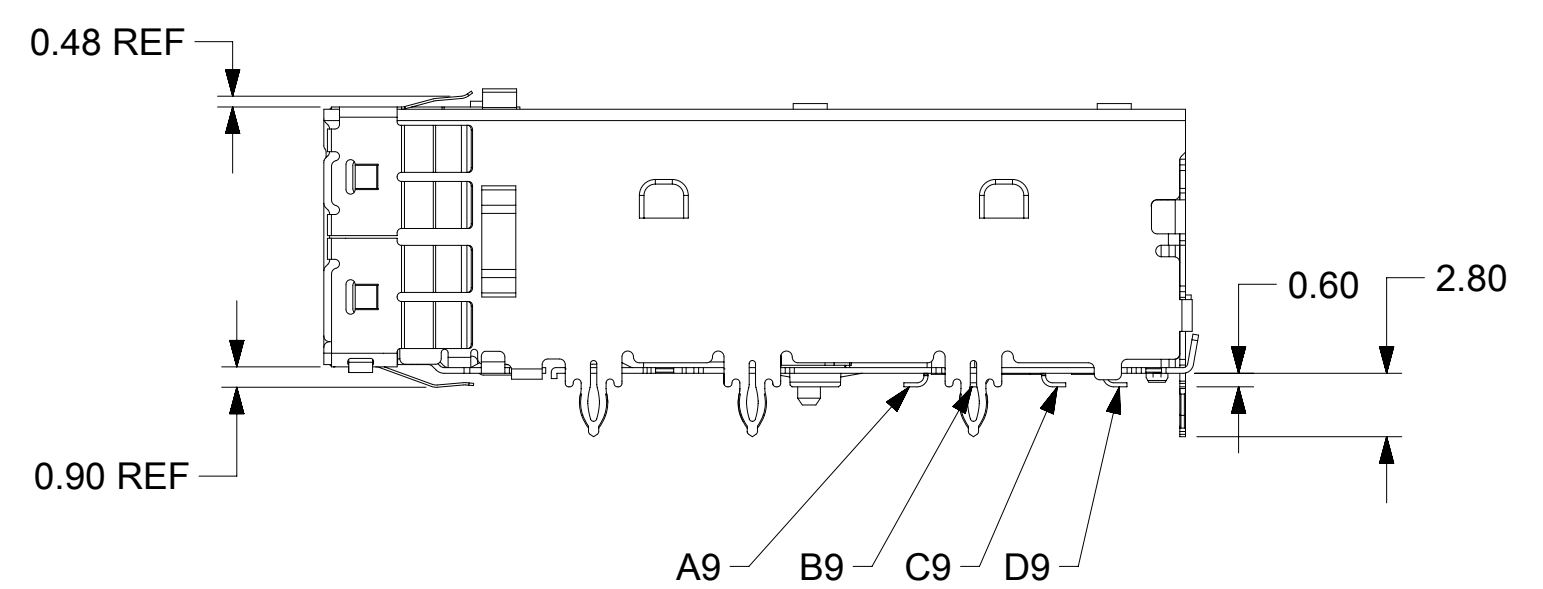
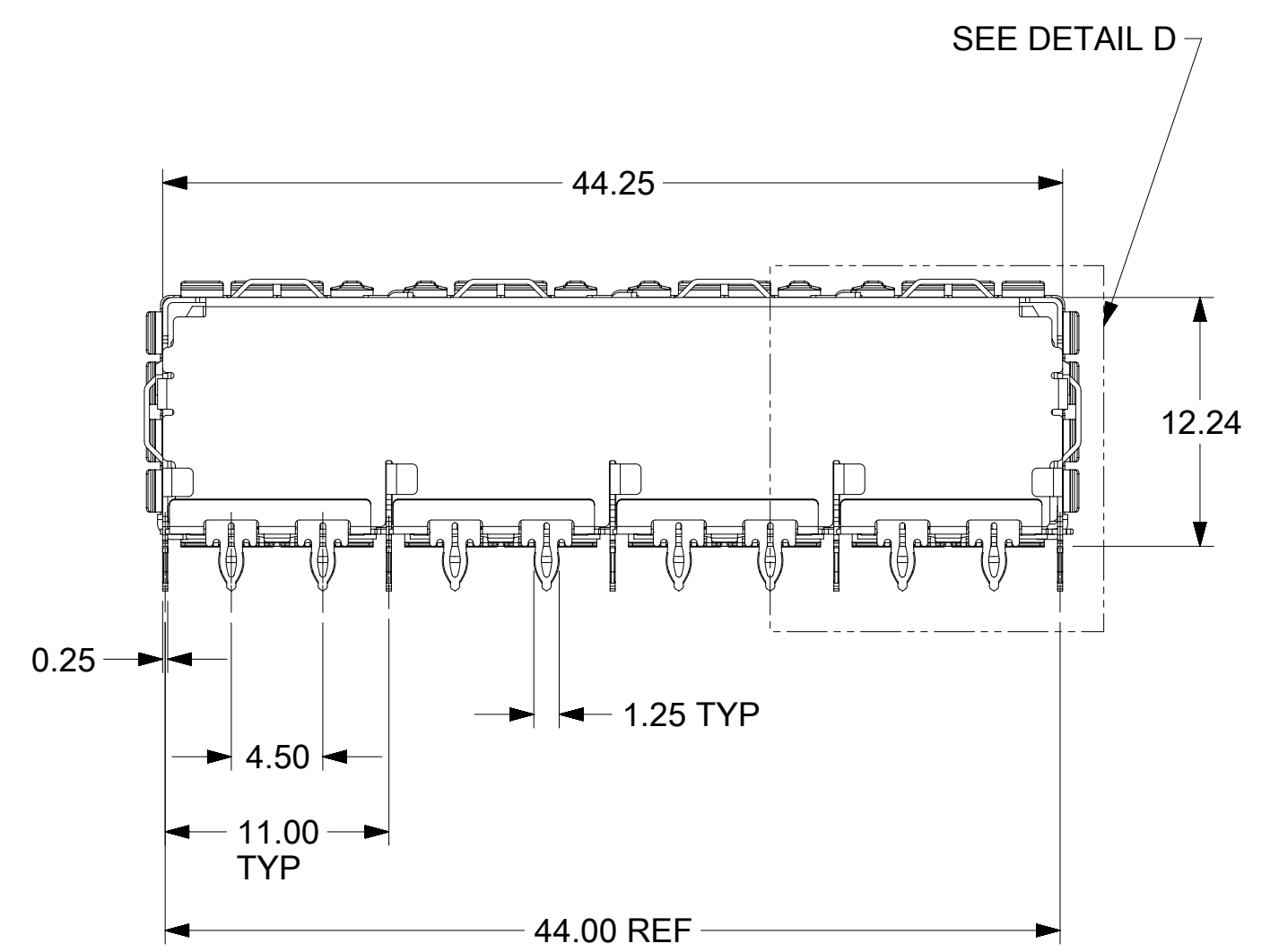
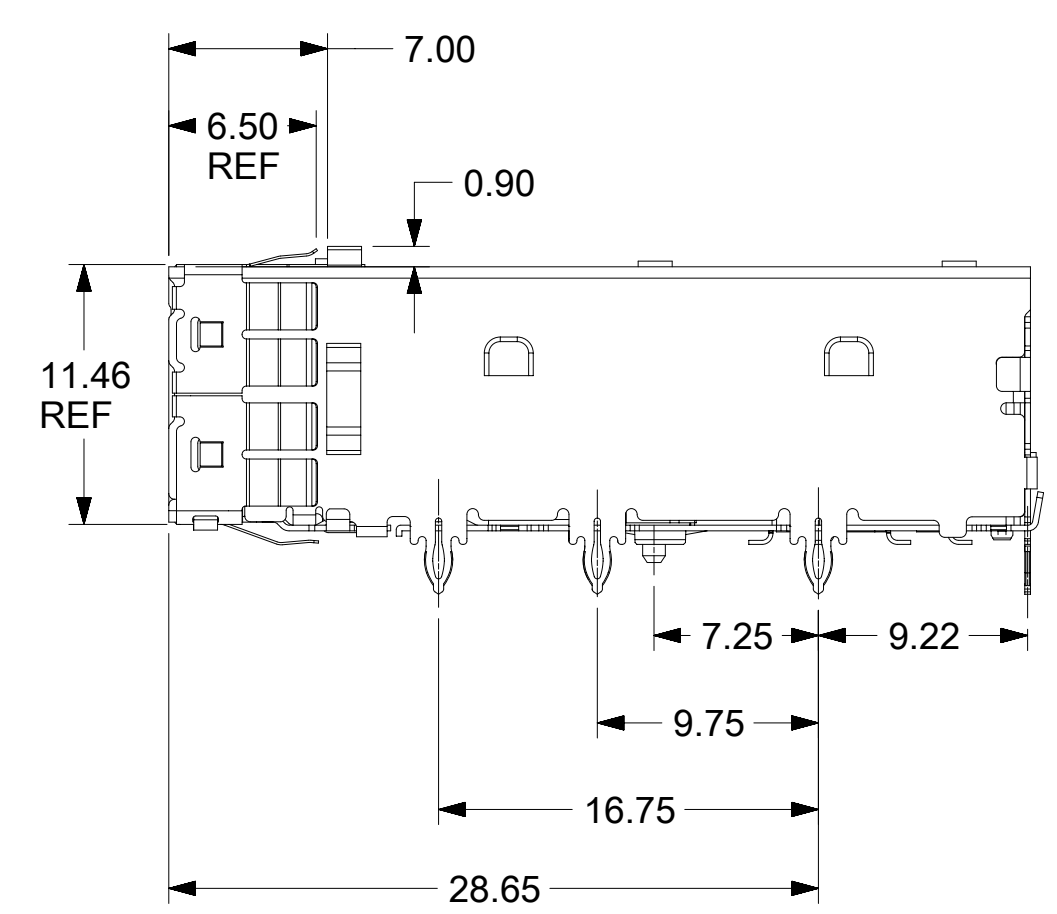
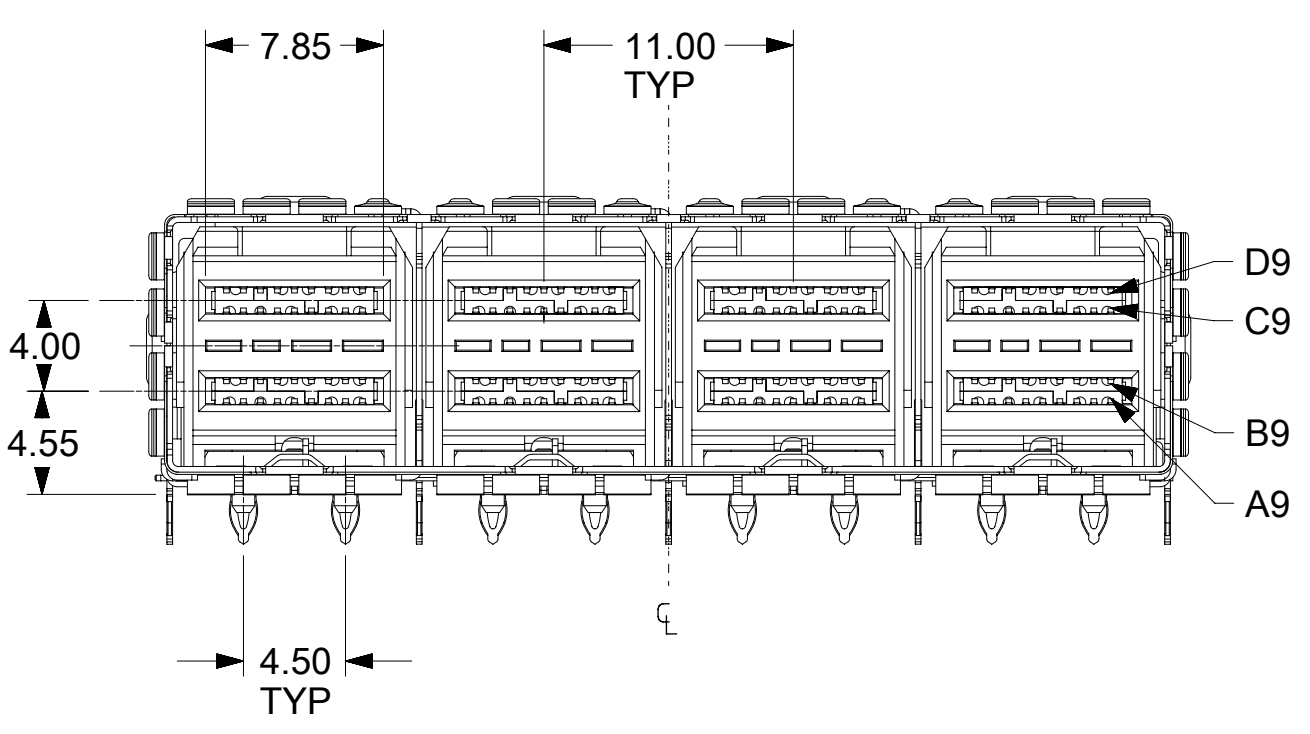
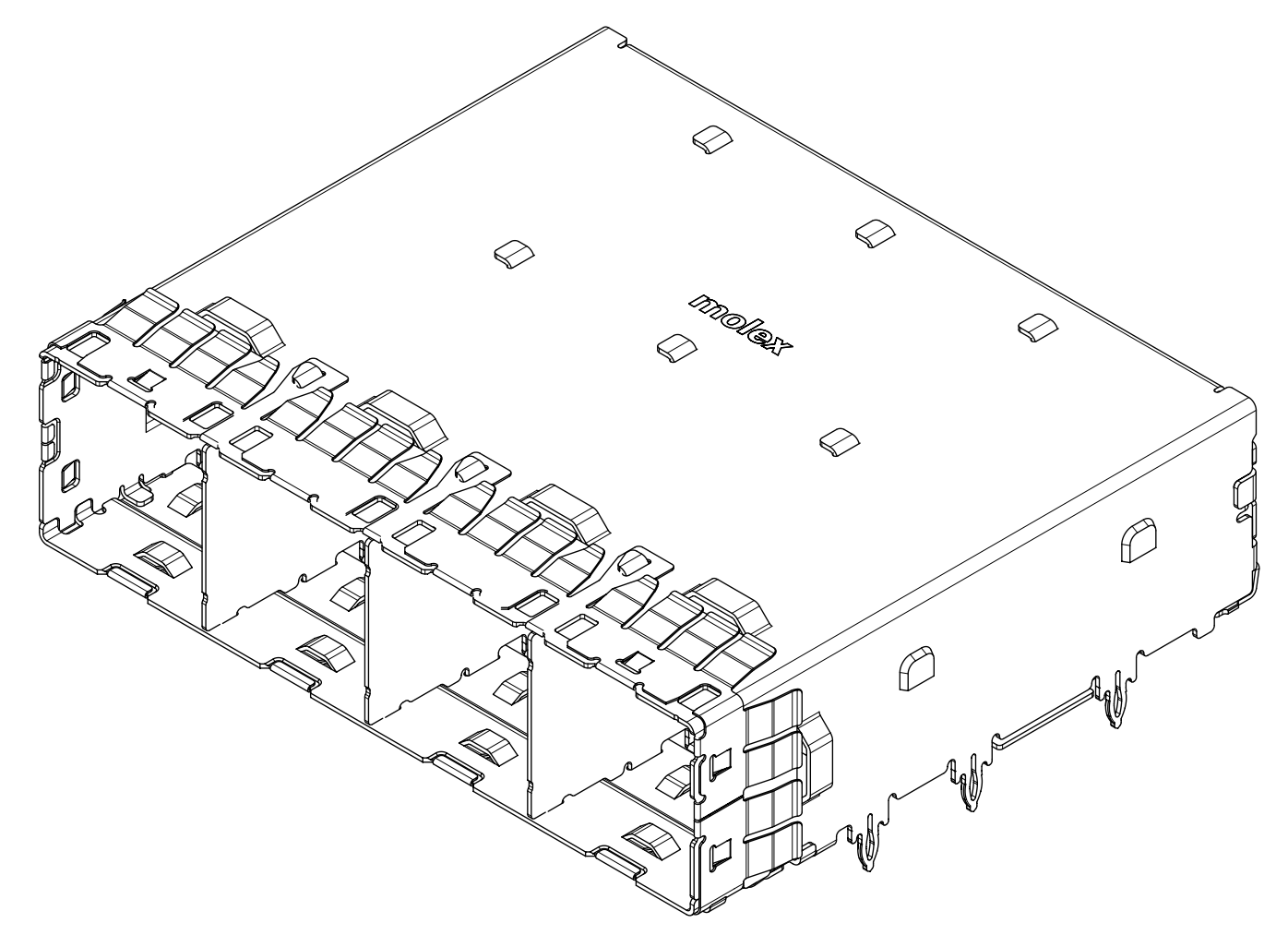
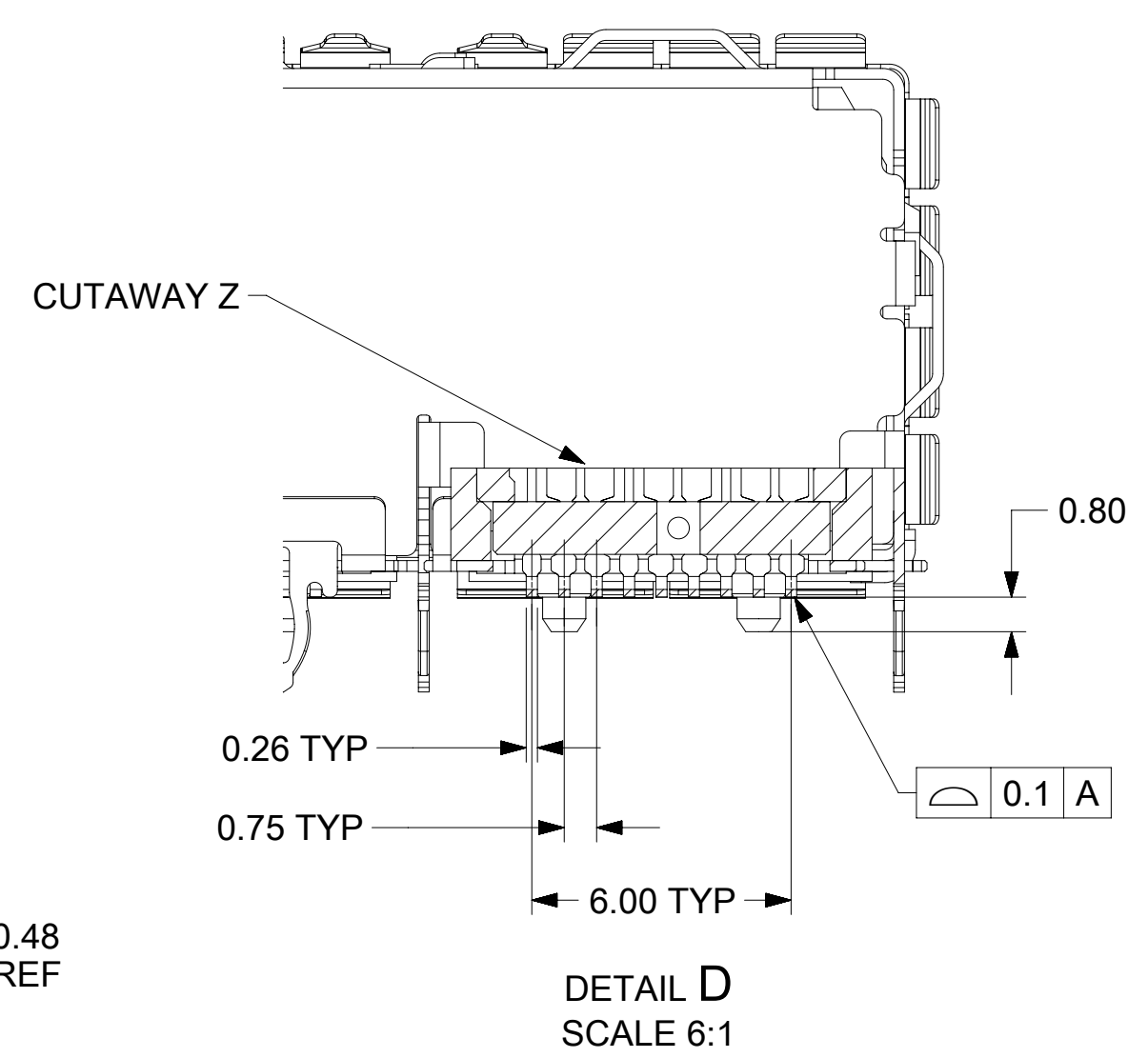
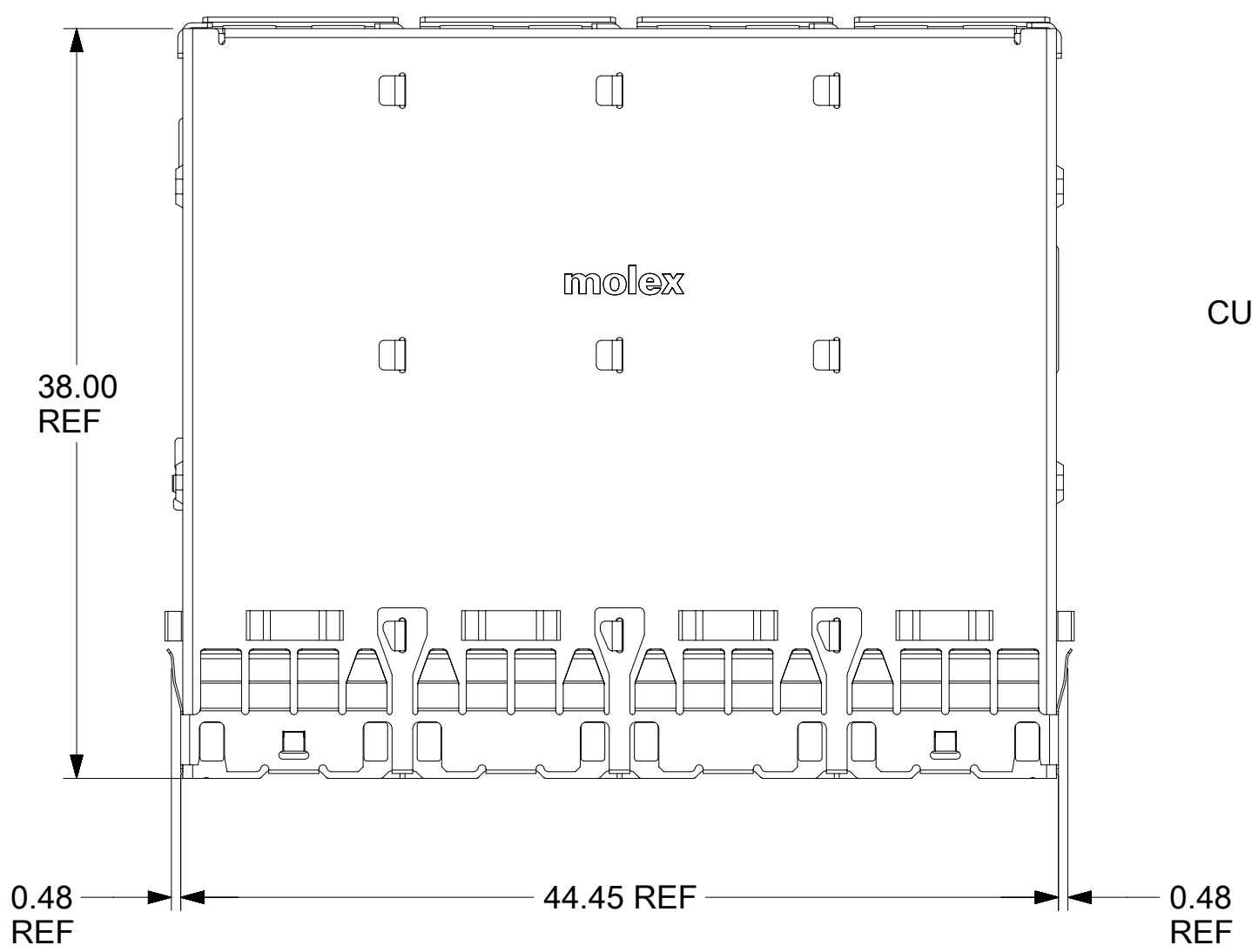
1X2 ASSEMBLY

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
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$\nabla = 0$	2 PLACES	ANGULAR TOL \pm °		CHK'D: VSHAH 2020/04/27	
$\nabla = 0$	1 PLACE	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: VSHAH 2020/04/27	
$\square = 0$	0 PLACES	THIRD ANGLE PROJECTION		INITIAL REVISION:	
$\nabla = 0$		DRAWING		DRWN: AKOLAK 2017/11/10	
		SERIES		APPR: TMCLELLAND 2018/06/27	
		C-SIZE		DOCUMENT NUMBER	
		172473		1724731111	
		MATERIAL NUMBER		DOC TYPE DOC PART REVISION	
		SEE TABLE		PSD 001 B2	
		CUSTOMER		SHEET NUMBER	
		GENERAL MARKET		3 OF 9	

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IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING



DETAIL D
SCALE 6:1

SEE DETAIL D

1X4 ASSEMBLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
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▽ = 0		ANGULAR TOL ± °				CHK'D: VSHAH		2020/04/27			
▽ = 0		4 PLACES ±				APPR: VSHAH		2020/04/27			
▽ = 0		3 PLACES ± 0.1				INITIAL REVISION:					
▽ = 0		2 PLACES ± 0.15				DRWN: AKOLAK		2017/11/10			
▽ = 0		1 PLACE ± 0.25				APPR: TMCLELLAND		2018/06/27			
▽ = 0		0 PLACES ±				THIRD ANGLE PROJECTION		DRAWING		SERIES	
▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		172473		MATERIAL NUMBER	
		DOCUMENT STATUS		P1		RELEASE DATE		2020/04/27 21:20:48		CUSTOMER	
		12		11		10		9		GENERAL MARKET	
		12		11		10		9		SHEET NUMBER	
		12		11		10		9		4 OF 9	

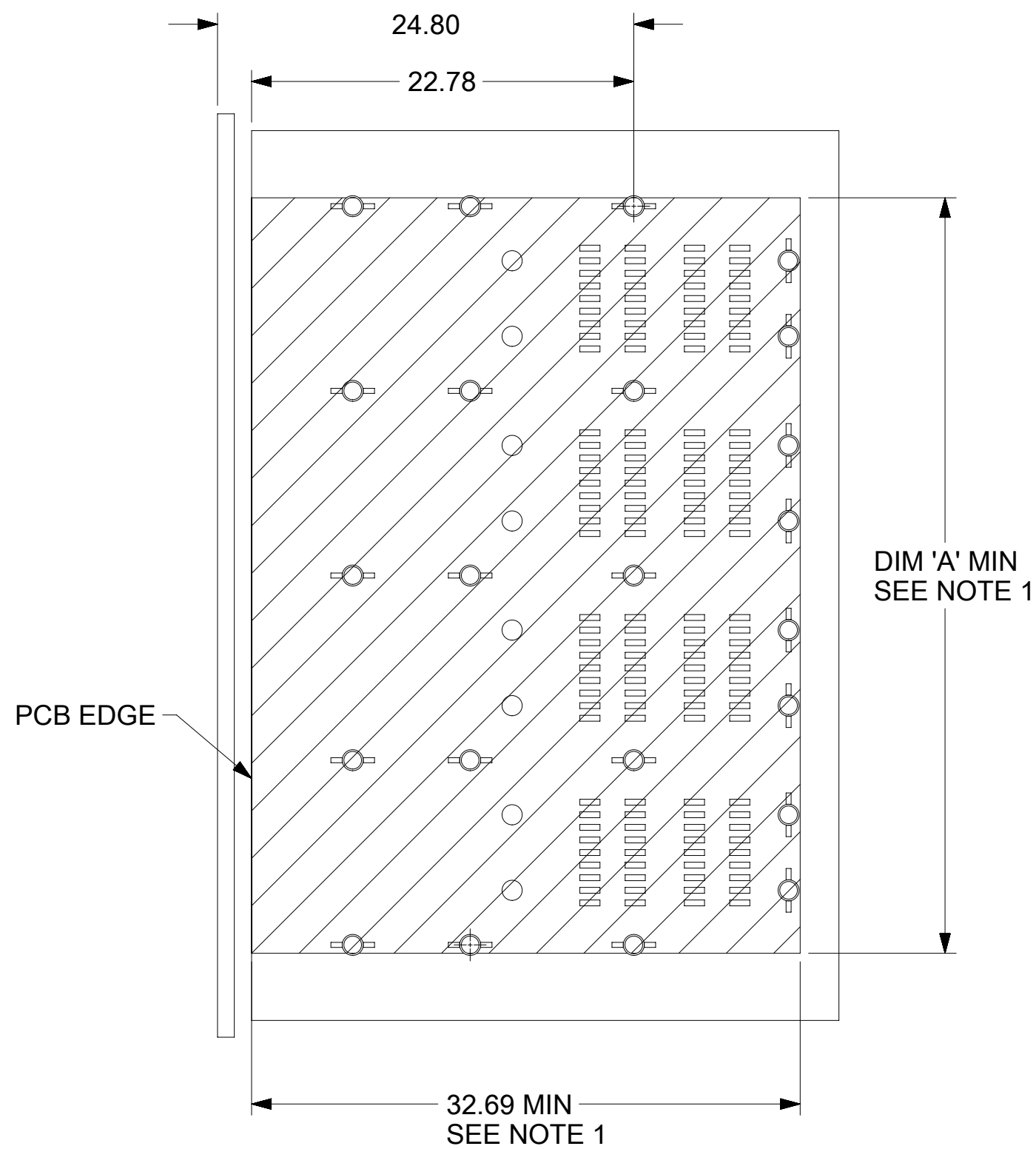
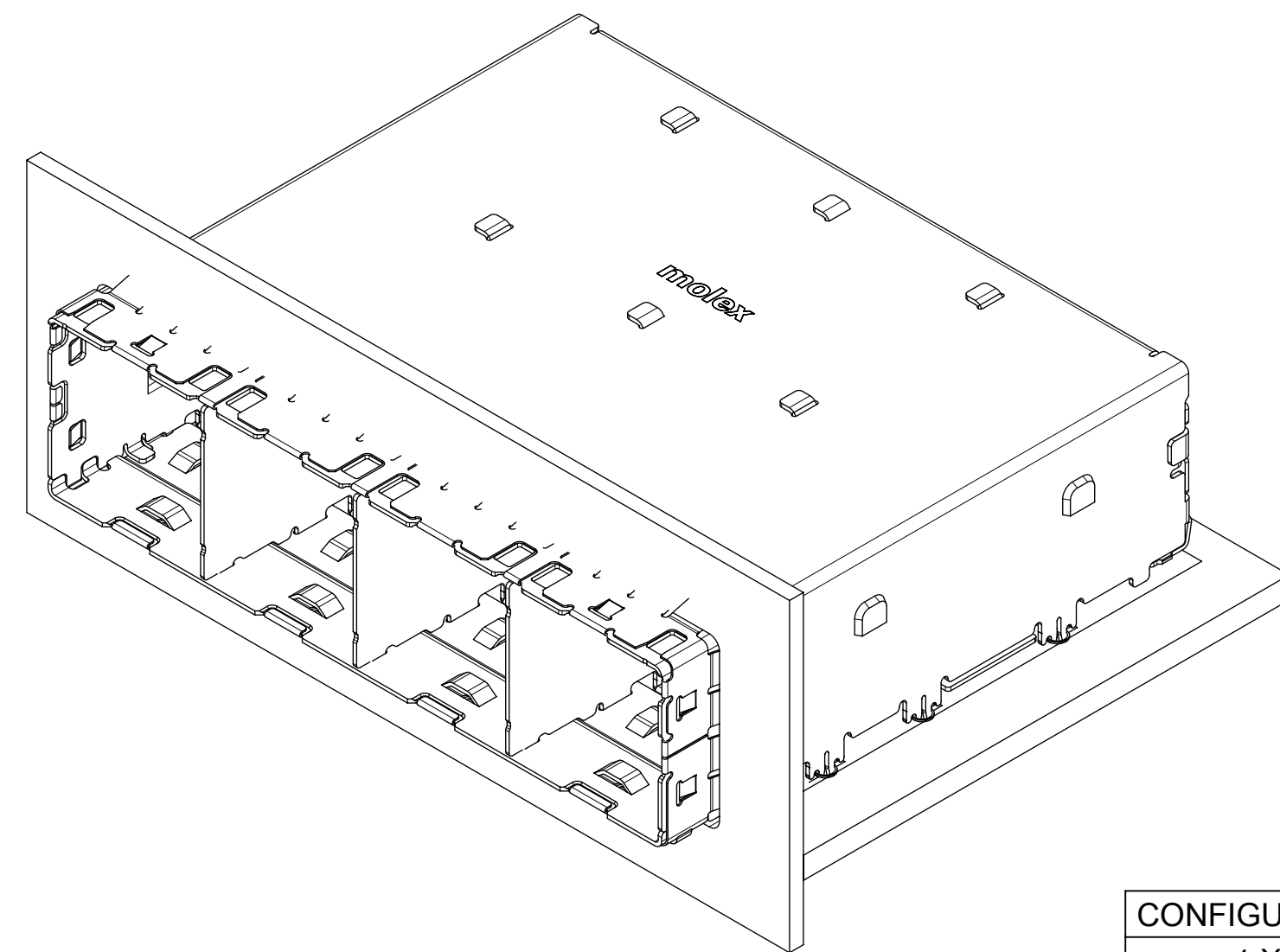
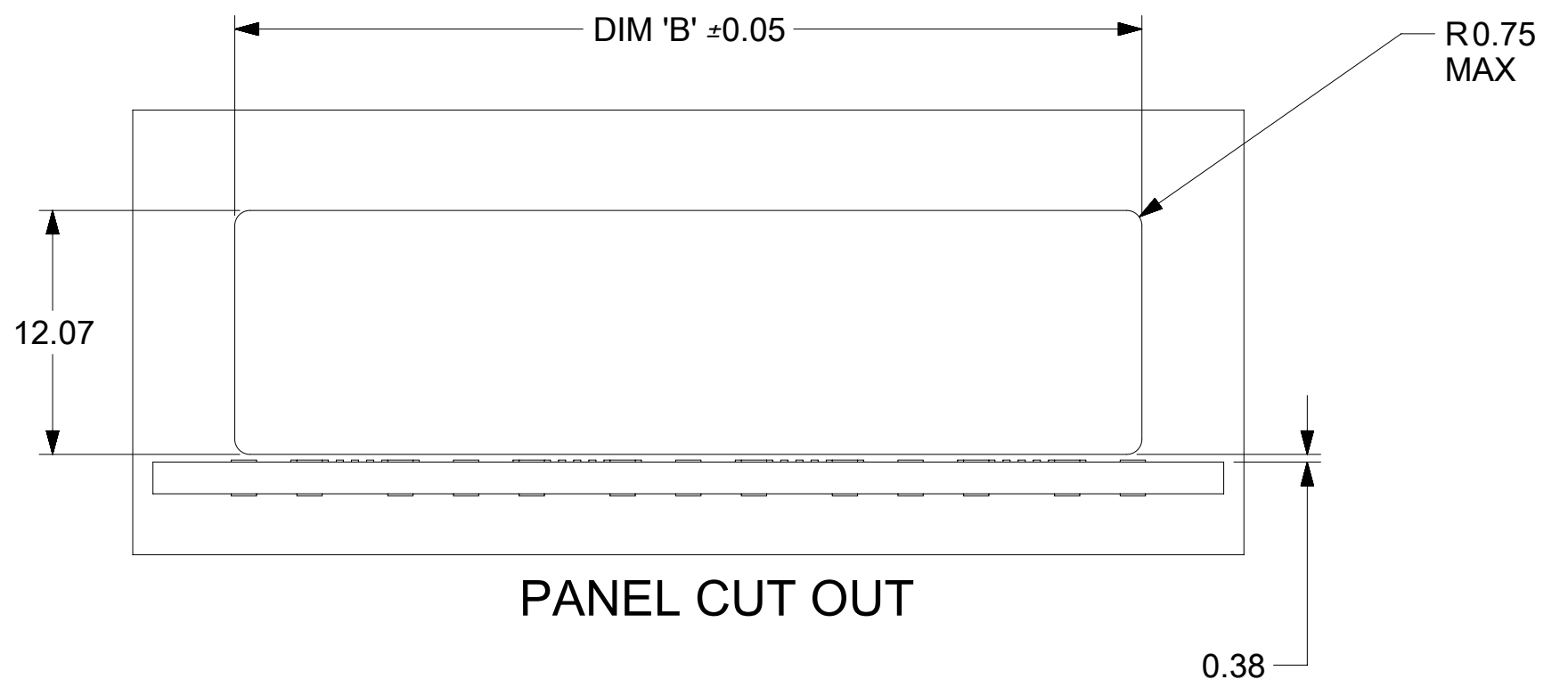
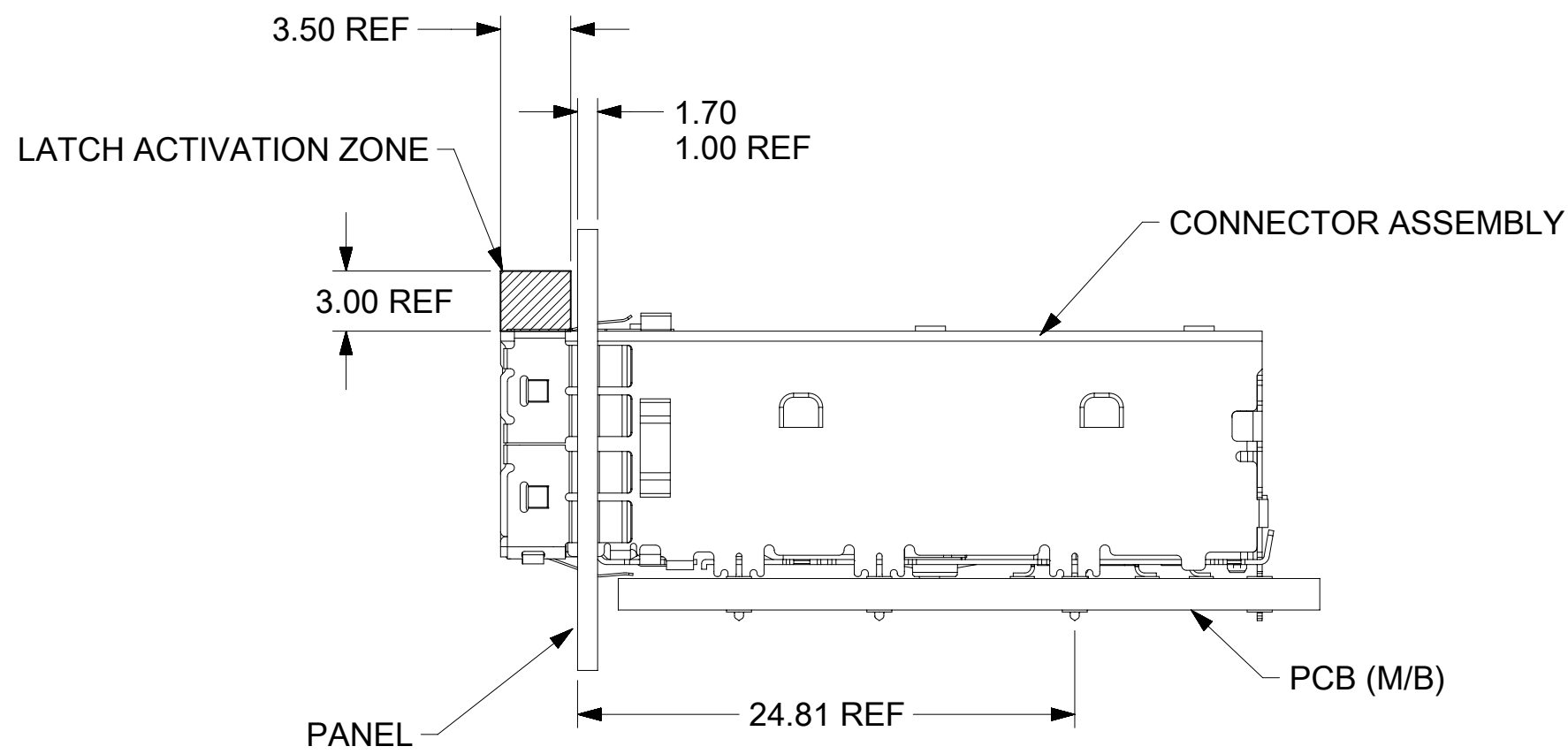


IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724731111	PSD	001	B2

MOTHERBOARD 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

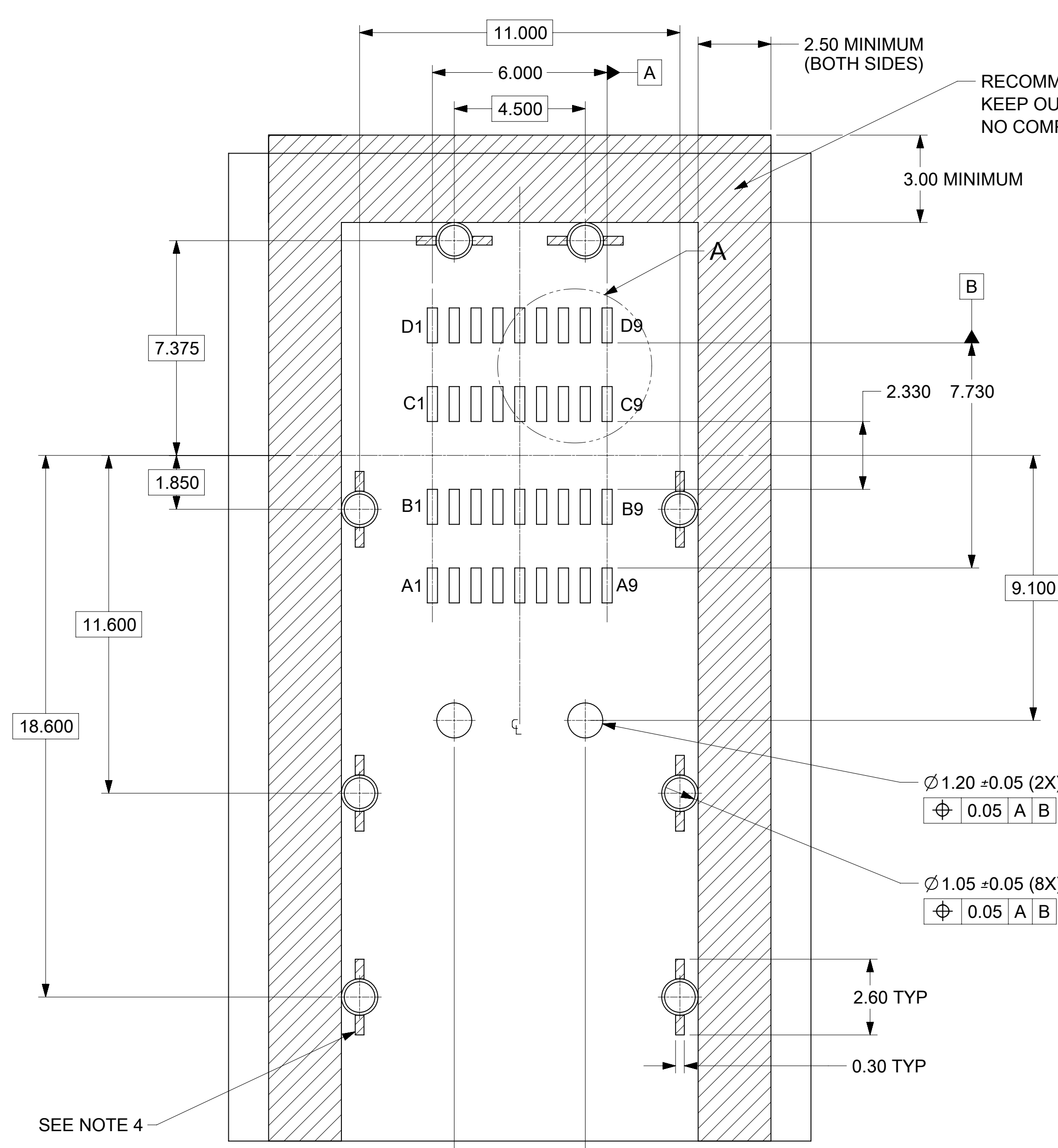
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS	SCALE	CURRENT REV DESC:	
▽ = 0	mm	3:1	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL	±	°
▽ = 0	4 PLACES	±	
▽ = 0	3 PLACES	±	0.1
▽ = 0	2 PLACES	±	0.15
▽ = 0	1 PLACE	±	0.25
⊠ = 0	0 PLACES	±	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	172473
		EC NO: 636348	2020/04/22
		DRWN: AKOLAK	2020/04/27
		CHK'D: VSHAH	2020/04/27
		APPR: VSHAH	2020/04/27
		INITIAL REVISION:	
		DRWN: AKOLAK	2017/11/10
		APPR: TMCLELLAND	2018/06/27
DOCUMENT NUMBER		DOC TYPE	DOC PART
1724731111		PSD	001
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
SEE TABLE		GENERAL MARKET	6 OF 9
REVISION			
B2			

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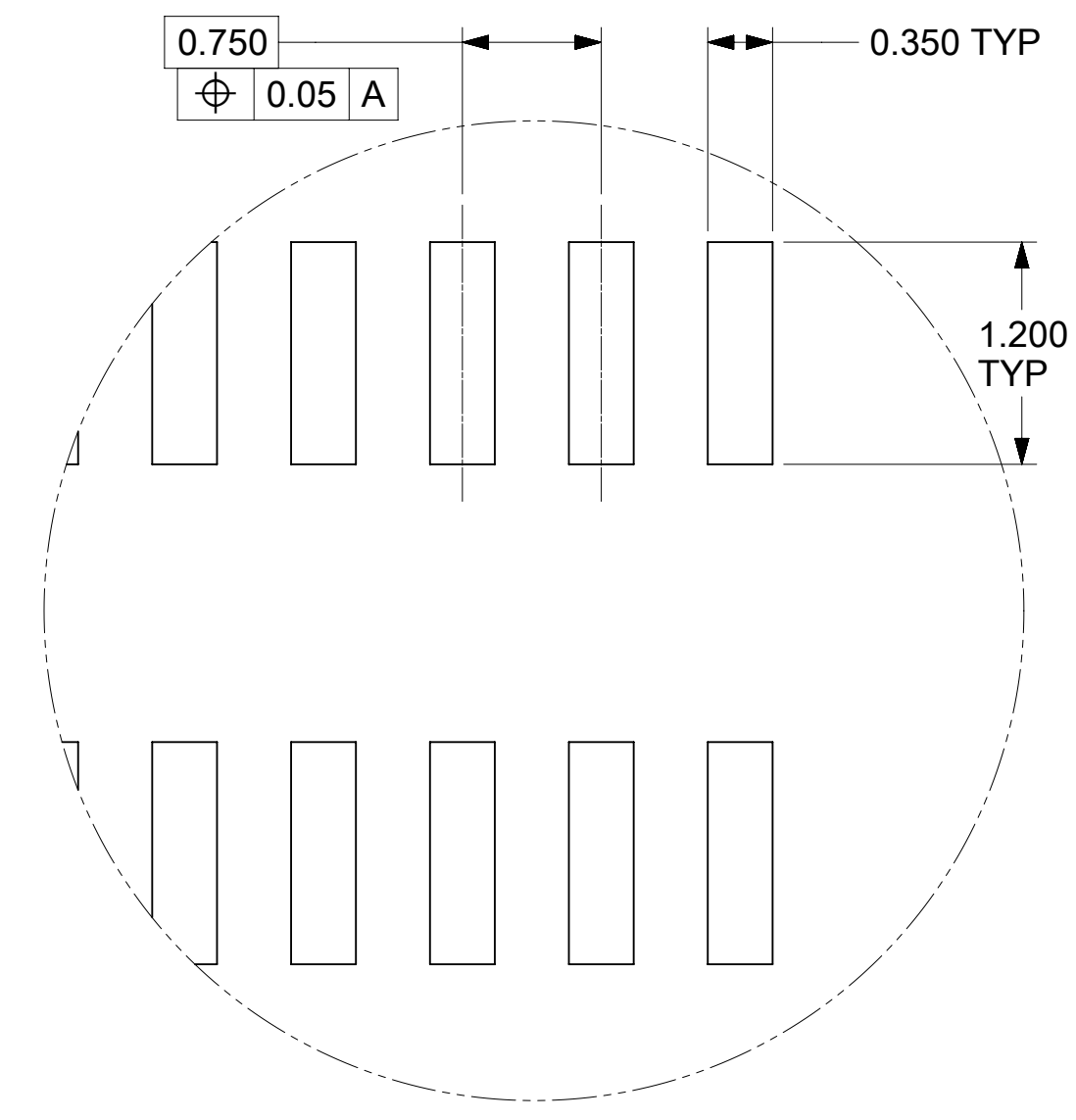
IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING

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



RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



DETAIL A
SCALE 25:1

$\varnothing 1.20 \pm 0.05$ (2X) NPTH
 $\varnothing 0.05$ A B

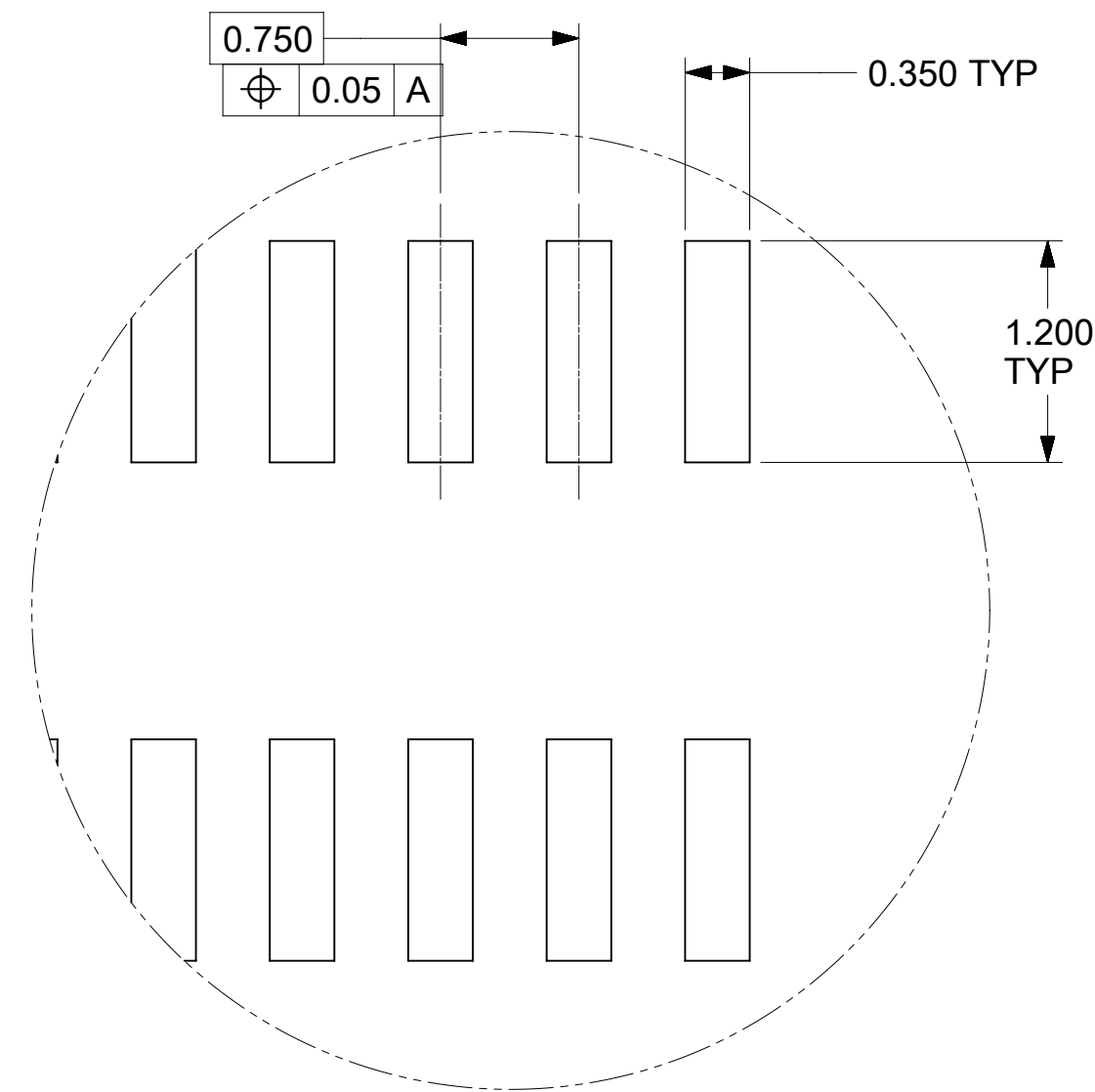
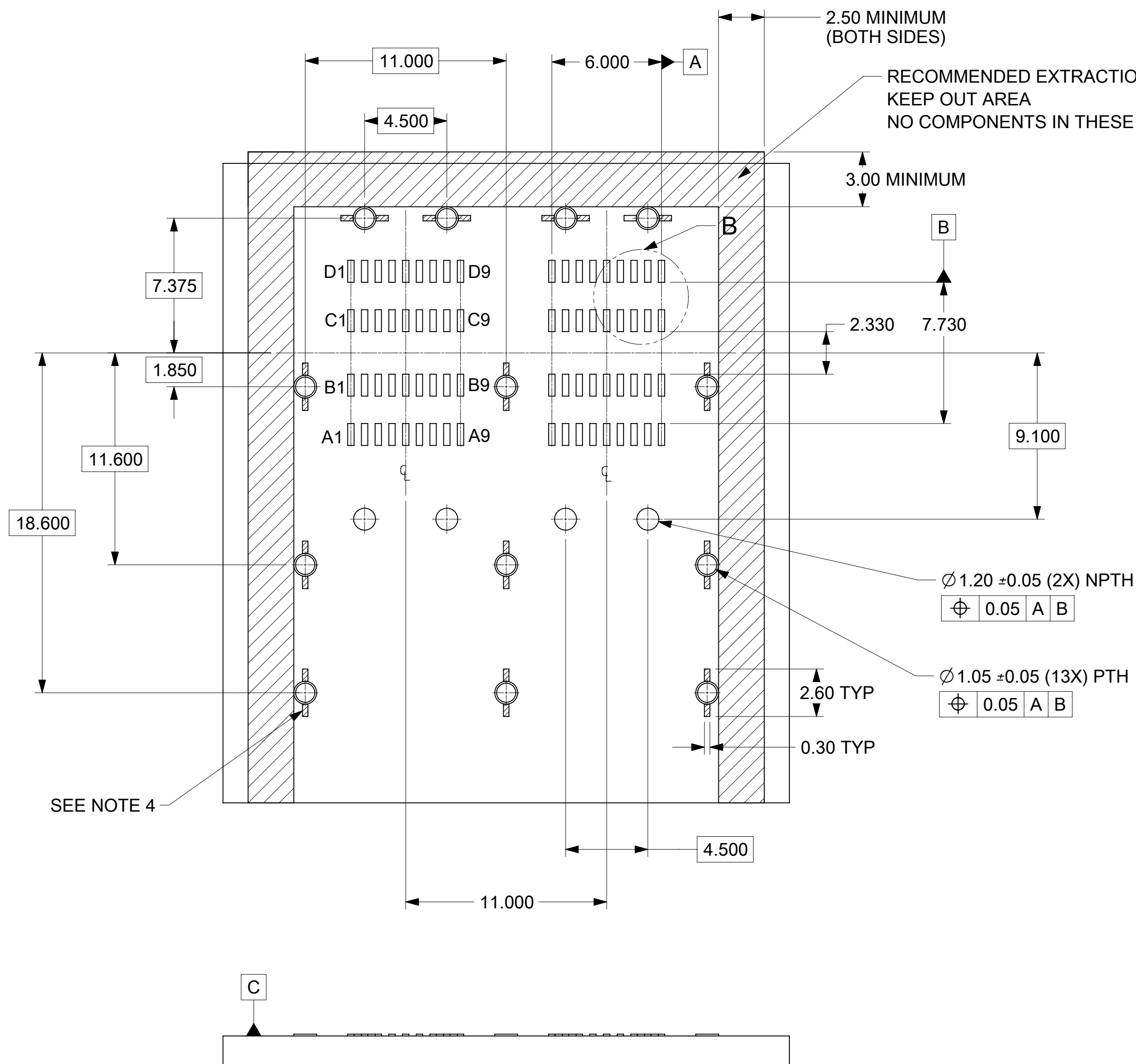
$\varnothing 1.05 \pm 0.05$ (8X) PTH
 $\varnothing 0.05$ A B

SEE NOTE 4

1x1 RECOMMENDED FOOTPRINT

- NOTES:
1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 1.05 \varnothing 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.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 636348		IPASS RA SMT EXTERNAL SD	
$\nabla = 0$	mm	8:1	ANGULAR TOL	\pm	°	PRODUCT CUSTOMER DRAWING	
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$\nabla = 0$			3 PLACES	\pm	0.1	CHK'D: VSHAH	2020/04/27
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$\nabla = 0$			1 PLACE	\pm	0.25	INITIAL REVISION:	
$\nabla = 0$			0 PLACES	\pm		DRWN: AKOLAK	2017/11/10
$\nabla = 0$			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	APPR: TMCLELLAND	2018/06/27
					DRAWING	SERIES	DOCUMENT NUMBER
					C-SIZE	172473	1724731111
							DOC TYPE
							DOC PART
							REVISION
							1724731111
							PSD 001 B2
							MATERIAL NUMBER
							SEE TABLE
							CUSTOMER
							GENERAL MARKET
							SHEET NUMBER
							7 OF 9



DETAIL B
SCALE 25:1

1x2 RECOMMENDED FOOTPRINT

- 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.

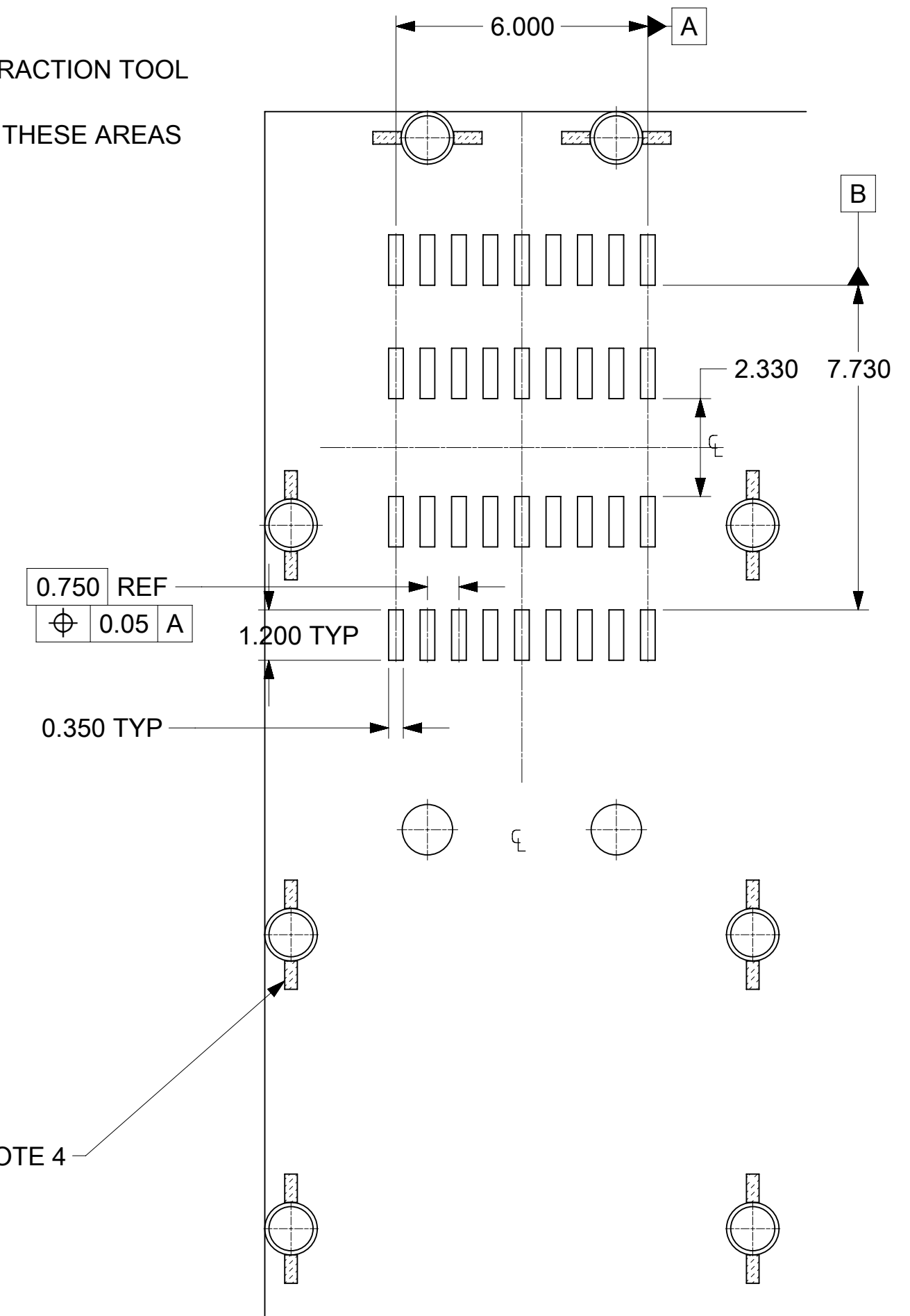
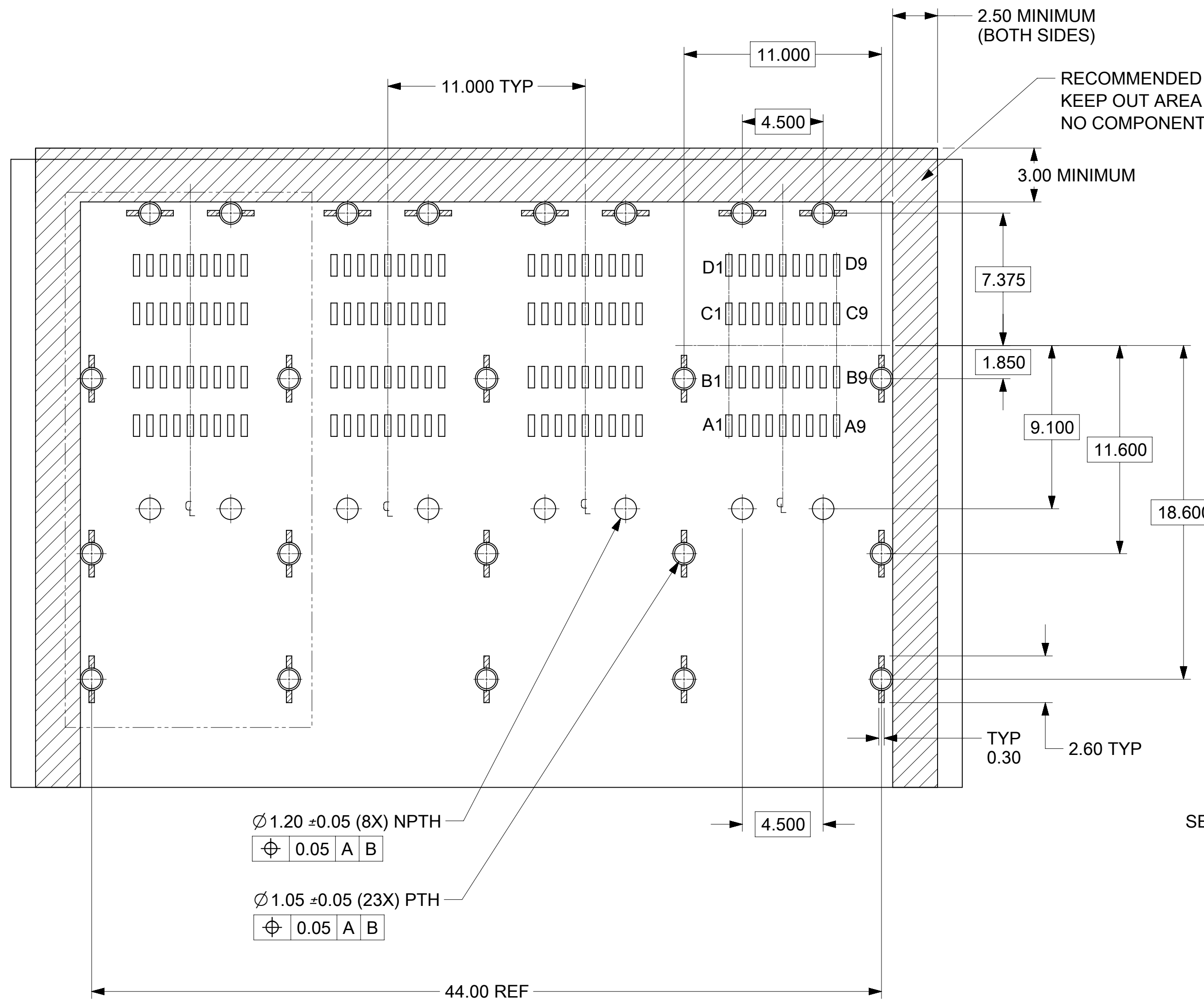
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:						
▽ = 0	mm	5:1	EC NO: 636348 DRWN: AKOLAK 2020/04/22 CHK'D: VSHAH 2020/04/27 APPR: VSHAH 2020/04/27 INITIAL REVISION: DRWN: AKOLAK 2017/11/10 APPR: TMCLELLAND 2018/06/27						
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▽ = 0	ANGULAR TOL ± °								
▽ = 0	4 PLACES	±							
▽ = 0	3 PLACES	± 0.1							
▽ = 0	2 PLACES	± 0.15	MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 8 OF 9						
▽ = 0	1 PLACE	± 0.25							
▽ = 0	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING SERIES: C-SIZE 172473	



IPASS RA SMT EXTERNAL SD

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724731111	PSD	001	B2



$\varnothing 1.20 \pm 0.05$ (8X) NPTH
 $\oplus 0.05$ A B
 $\varnothing 1.05 \pm 0.05$ (23X) PTH
 $\oplus 0.05$ A B

SEE NOTE 4

DETAIL C
SCALE 8:1

1x4 RECOMMENDED FOOTPRINT

- NOTES:
1. RECOMMENDED DRILL & ANNULAR RING SIZE FOR 1.05 \varnothing 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.

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:						
$\nabla = 0$	mm	5:1	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: TMCLELLAND 2018/06/27						
$\nabla / = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)								
$\nabla \backslash = 0$	ANGULAR TOL \pm °								
$\nabla S = 0$	4 PLACES \pm								
$\nabla \blacktriangledown = 0$	3 PLACES ± 0.1								
$\nabla \blacktriangledown \backslash = 0$	2 PLACES ± 0.15		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1724731111 DOC TYPE: PSD DOC PART: 001 REVISION: B2						
$\nabla \blacktriangledown / = 0$	1 PLACE ± 0.25								
$\nabla \blacktriangledown \backslash / = 0$	0 PLACES \pm								
$\square = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
$\nabla \blacktriangledown \backslash / = 0$				C-SIZE	172473	SEE TABLE	GENERAL MARKET	9 OF 9	