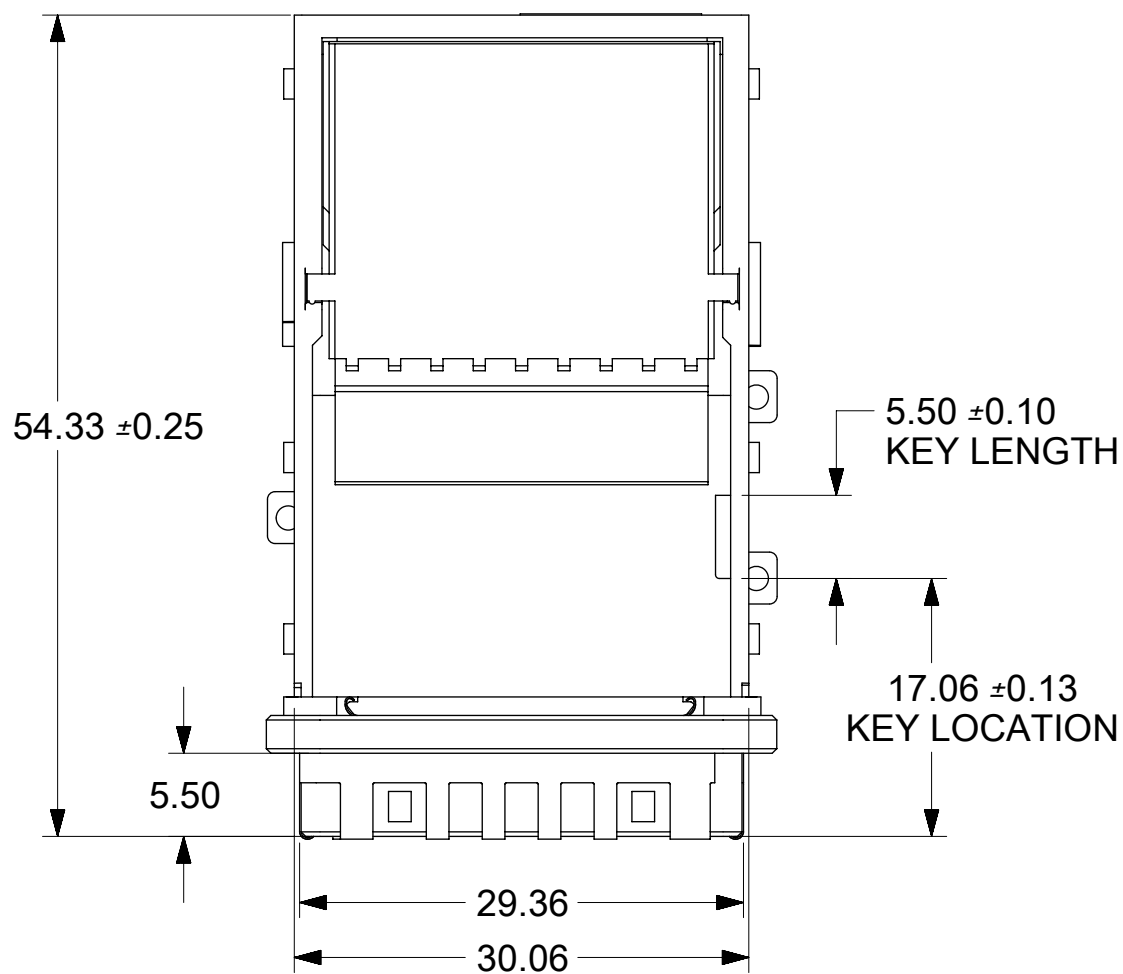
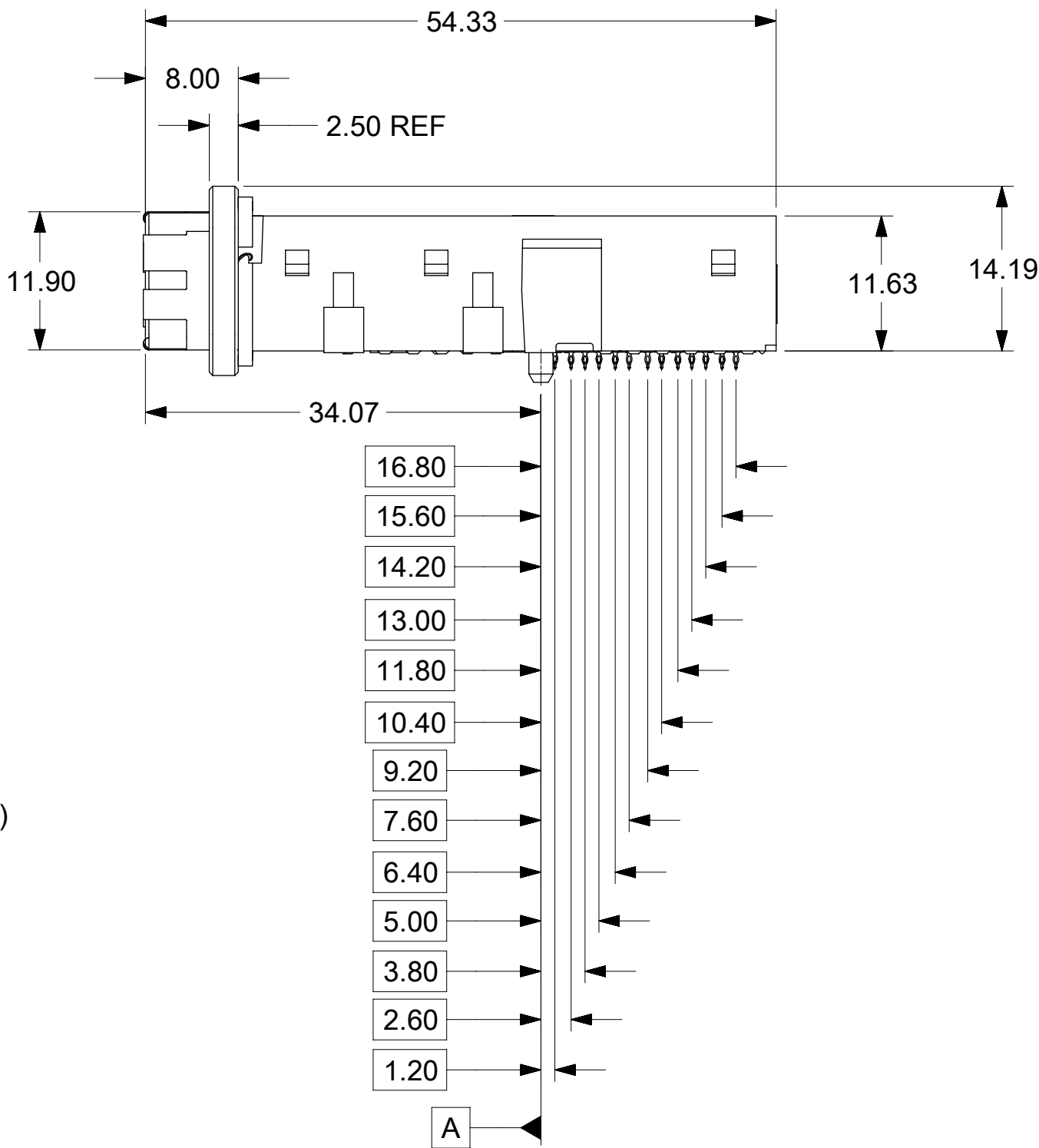
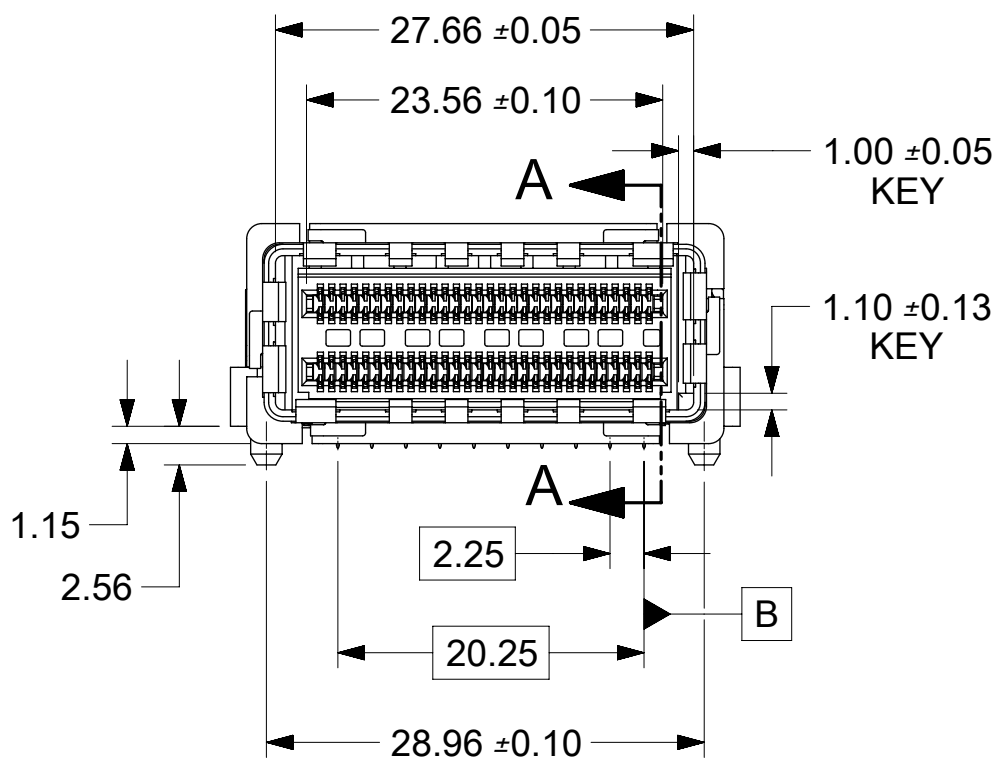
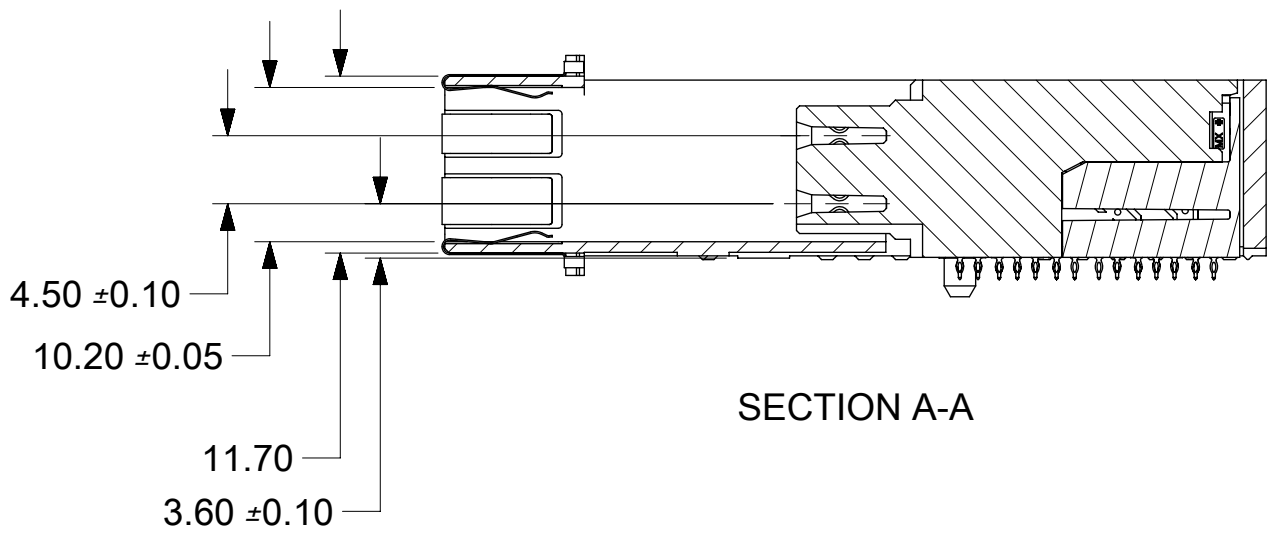
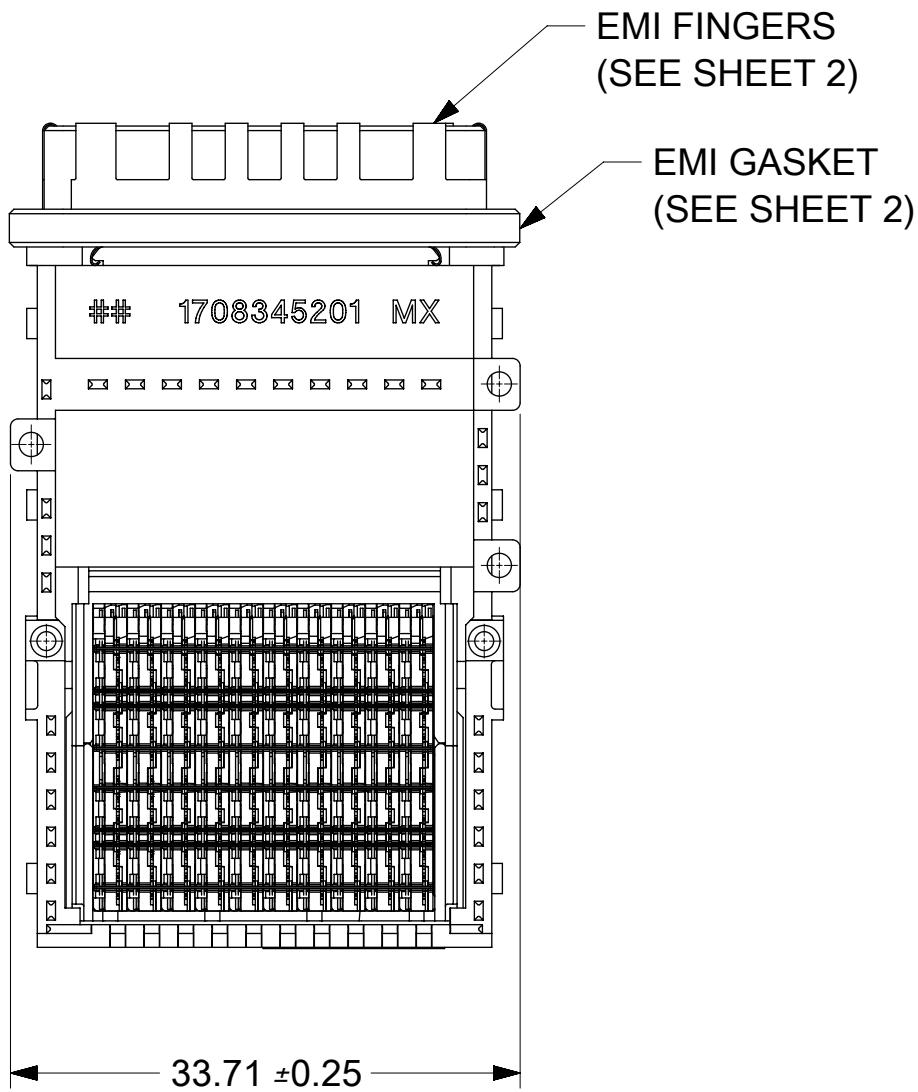


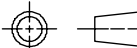


MATERIAL NUMBER
1733590001 SHOWN

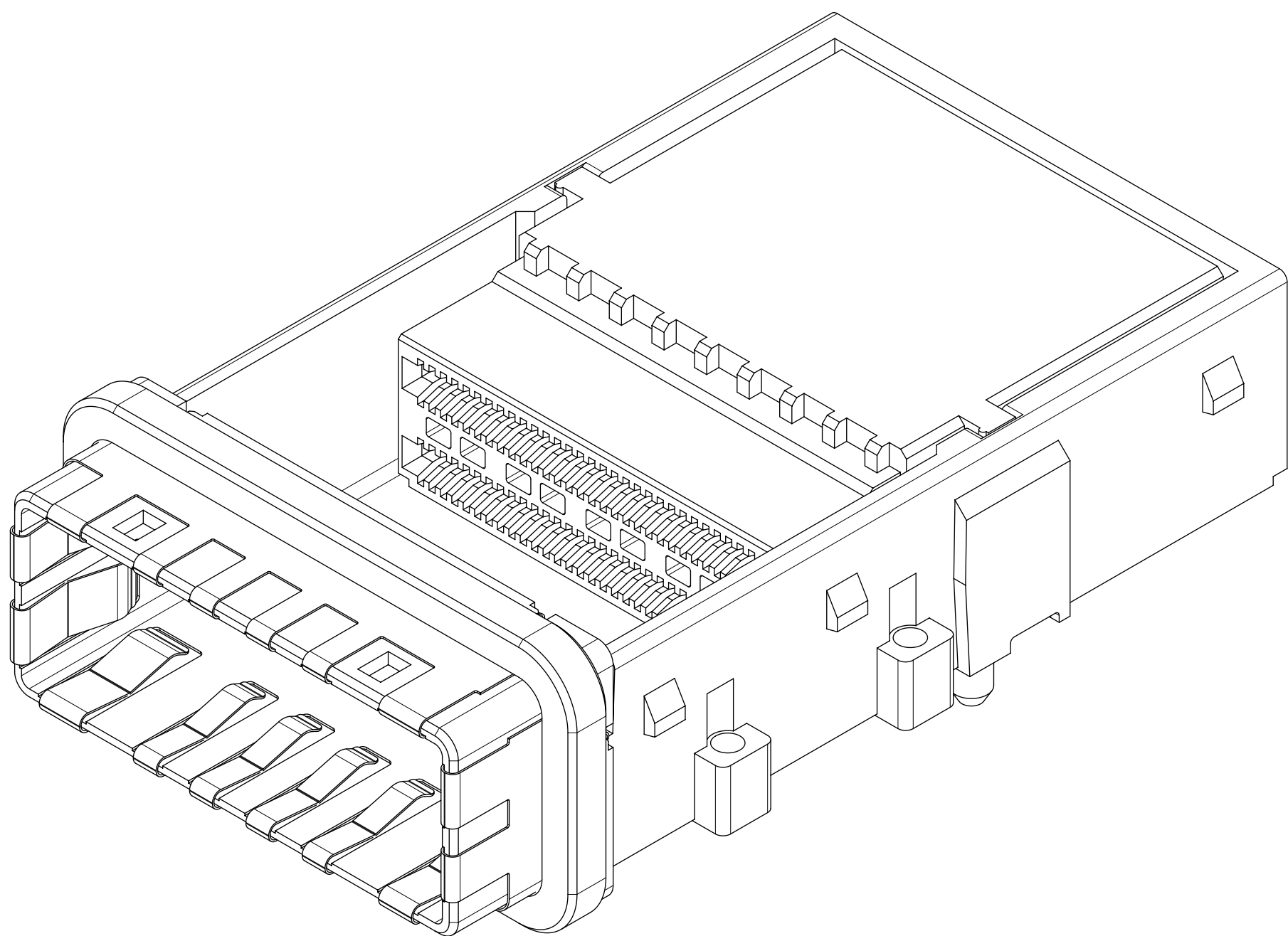


- NOTES:
- MATERIALS:
WAFER HOUSING
HIGH TEMPERATURE THERMOPLASTIC
GLASS-FILLED, UL 94V-0
DIE CAST HOUSING: NICKEL PLATED DIE CAST ALLOY
COVER: STAINLESS STEEL ALLOY
EMI GASKET: CONDUCTIVE POLYMER
EMI FINGERS: NICKEL PLATED COPPER ALLOY
 - FINISHES:
PLATING:
CONTACT AREA
0.76µm MIN GOLD OVER 2.54µm MIN NICKEL
COMPLIANT TAIL AREA
0.76-1.52µm TIN OVER 1.27µm MIN NICKEL
 - PRODUCT SPECIFICATION: PS-173359-0001
 - PACKAGING SPECIFICATION: PK-170834-0001
 - MATES WITH: MOLEX CABLE SERIES 200433.
 - MOUNTING HARDWARE REQUIRED:
M2x0.4 CAP SCREWS (3)
LENGTH: PCB THICKNESS + 3.0 MIN (6.0 MM MAX)
 - APPLICATION SPECIFICATION: AS-173359-0002
 - ROUTING GUIDELINE: AS-173359-0001

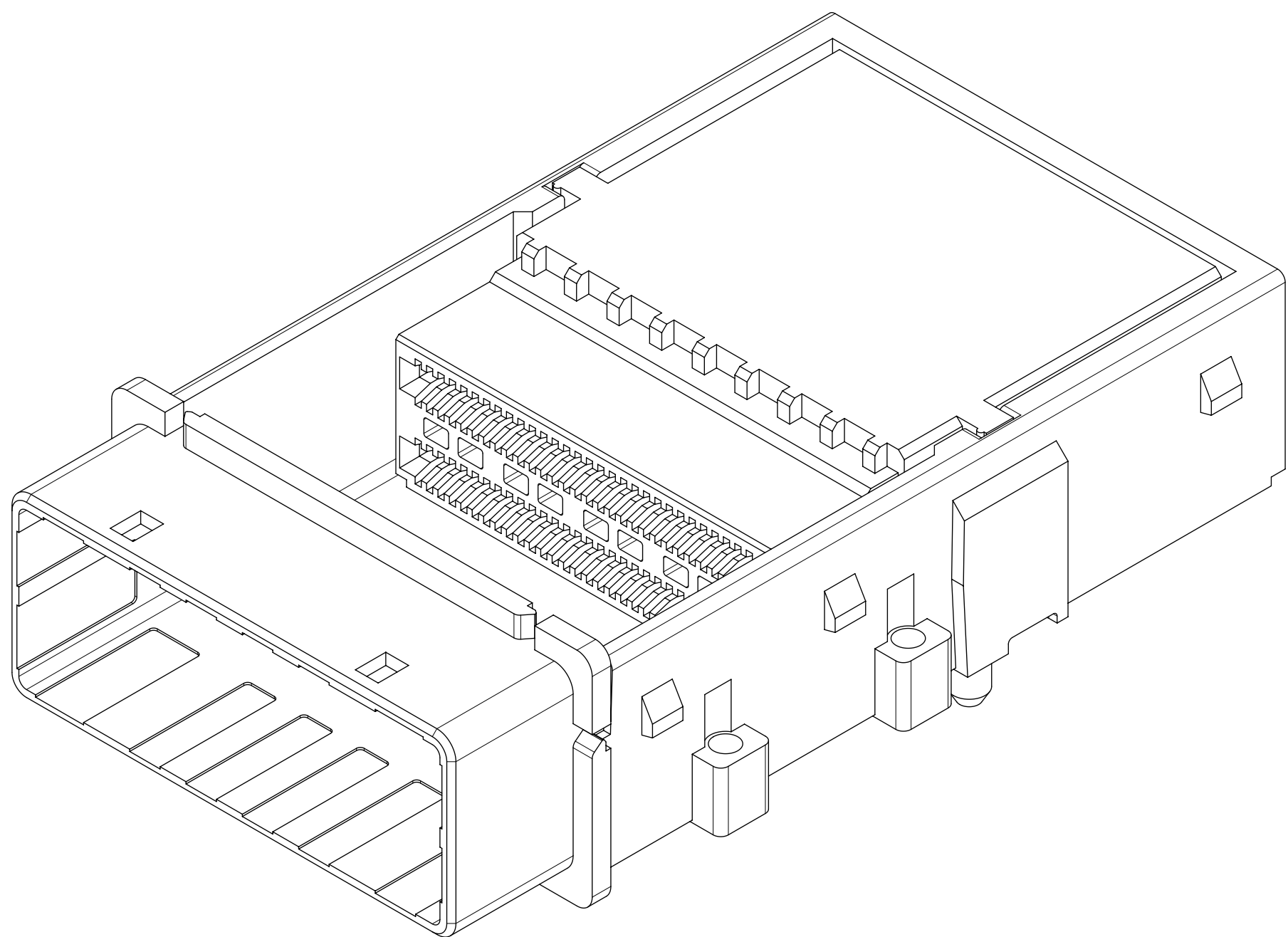


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
ADD SPECS EC NO: 113374 DRWN: MHANUMAPPARE CHKD: DACHAMMER REV APPR: SMILLER	2016/11/29 2017/02/09 2017/02/14	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® ZCD 90 OHM 16X STYLE 1 ASSEMBLY					
		MM ONLY		2:1									
		DRWN BY		DATE									
		ANGULAR TOL ± 0.5 °		DACHAMME		2015/11/13		PRODUCT CUSTOMER DRAWING					
		4 PLACES ±		CHK'D BY		DATE							
		3 PLACES ±		DACHAMMER		2017/02/09							
		2 PLACES ± 0.25		APPR BY		DATE							
		1 PLACE ±		SMILLER		2017/02/14		SERIES		MATERIAL NUMBER		CUSTOMER	
		0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION		173359		SEE SHEET 2		GENERAL MARKET	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C				DOCUMENT NUMBER		DOC TYPE		DOC PART	
A						SD-173359-0001		PSD		000		1 OF 6	

RELEASE STATUS		RELEASE DATE	
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1733590001 SHOWN
WITH EMI FINGERS AND EMI GASKET

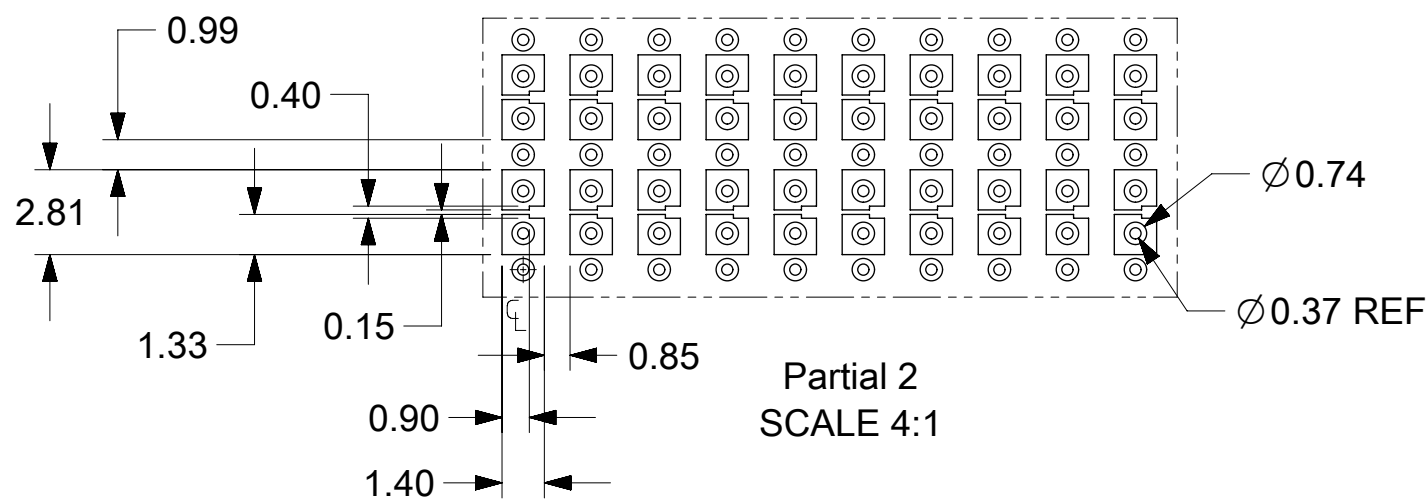


1733590002 SHOWN
NO EMI FINGERS AND NO GASKET

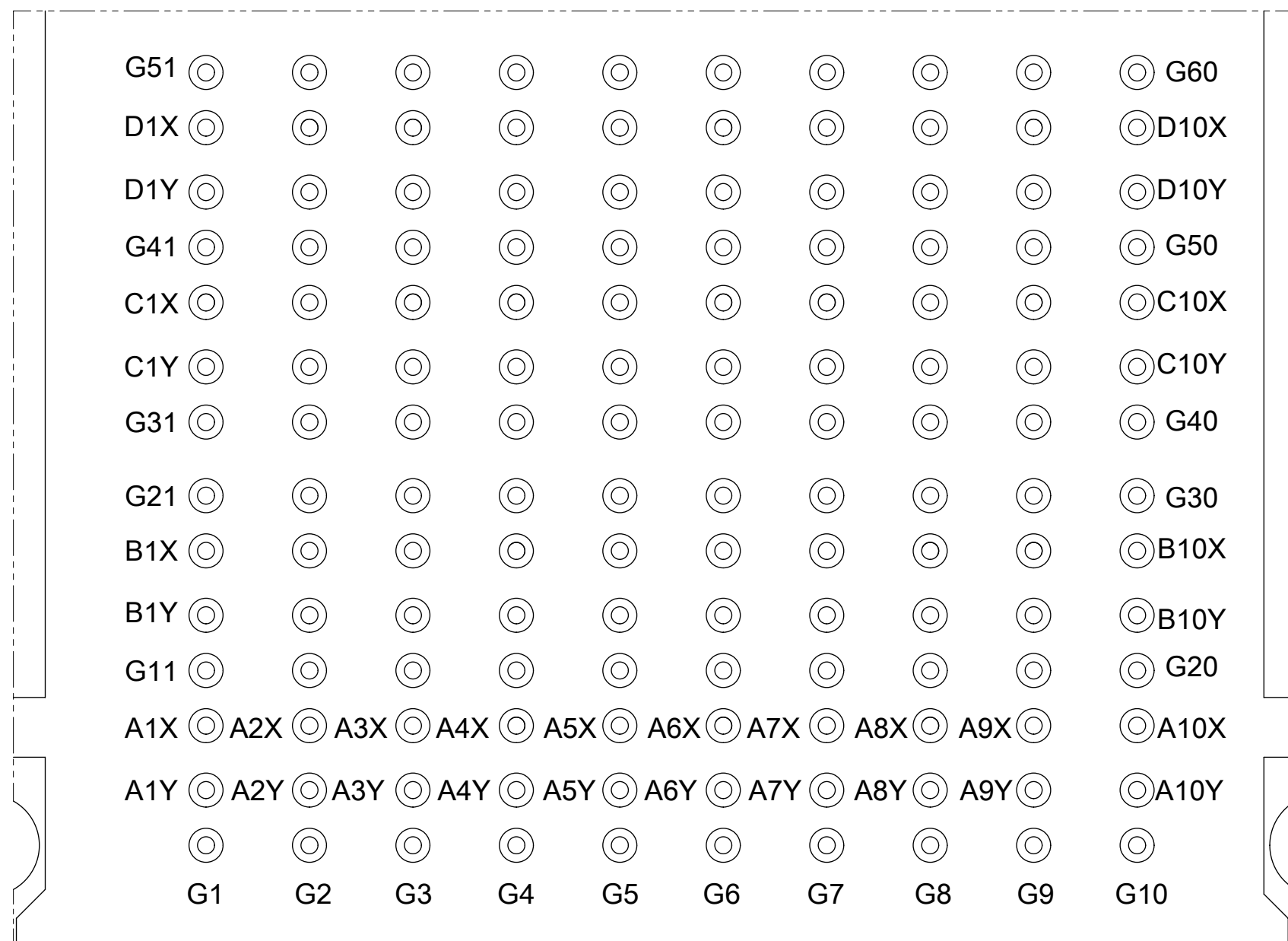
MATERIAL NUMBER	WITH EMI FINGERS	WITH EMI GASKET
1733590001	YES	YES
1733590002	NO	NO

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				MM ONLY	4:1								
		ANGULAR TOL ± 0.5 °		DRWN BY		DATE		ZCD 90 OHM 16X STYLE 1 ASSEMBLY					
		4 PLACES ±		DACHAMME		2015/11/13							
		3 PLACES ±		CHK'D BY		DATE							
		2 PLACES ± 0.25		DACHAMMER		2017/02/09							
		1 PLACE ±		APPR BY		DATE							
		0 PLACES ±		SMILLER		2017/02/14		PRODUCT CUSTOMER DRAWING					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION							
		C						SERIES		MATERIAL NUMBER		CUSTOMER	
						173359		SEE TABLE		GENERAL MARKET			
						DOCUMENT NUMBER		PSD		DOC PART			
						SD-173359-0001		000		SHEET NUMBER			
										2 OF 6			

ABOVE AND BELOW
SIGNAL LAYERS

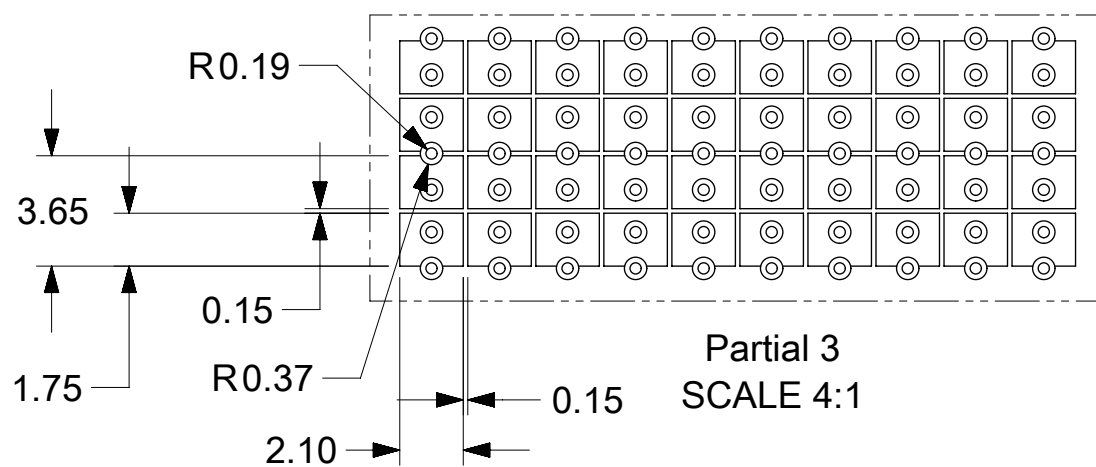


Partial 2
SCALE 4:1



Partial 1
SCALE 8:1

TOP AND BOTTOM EMI LAYER
AND ALL OTHER LAYERS WITHIN BOARD



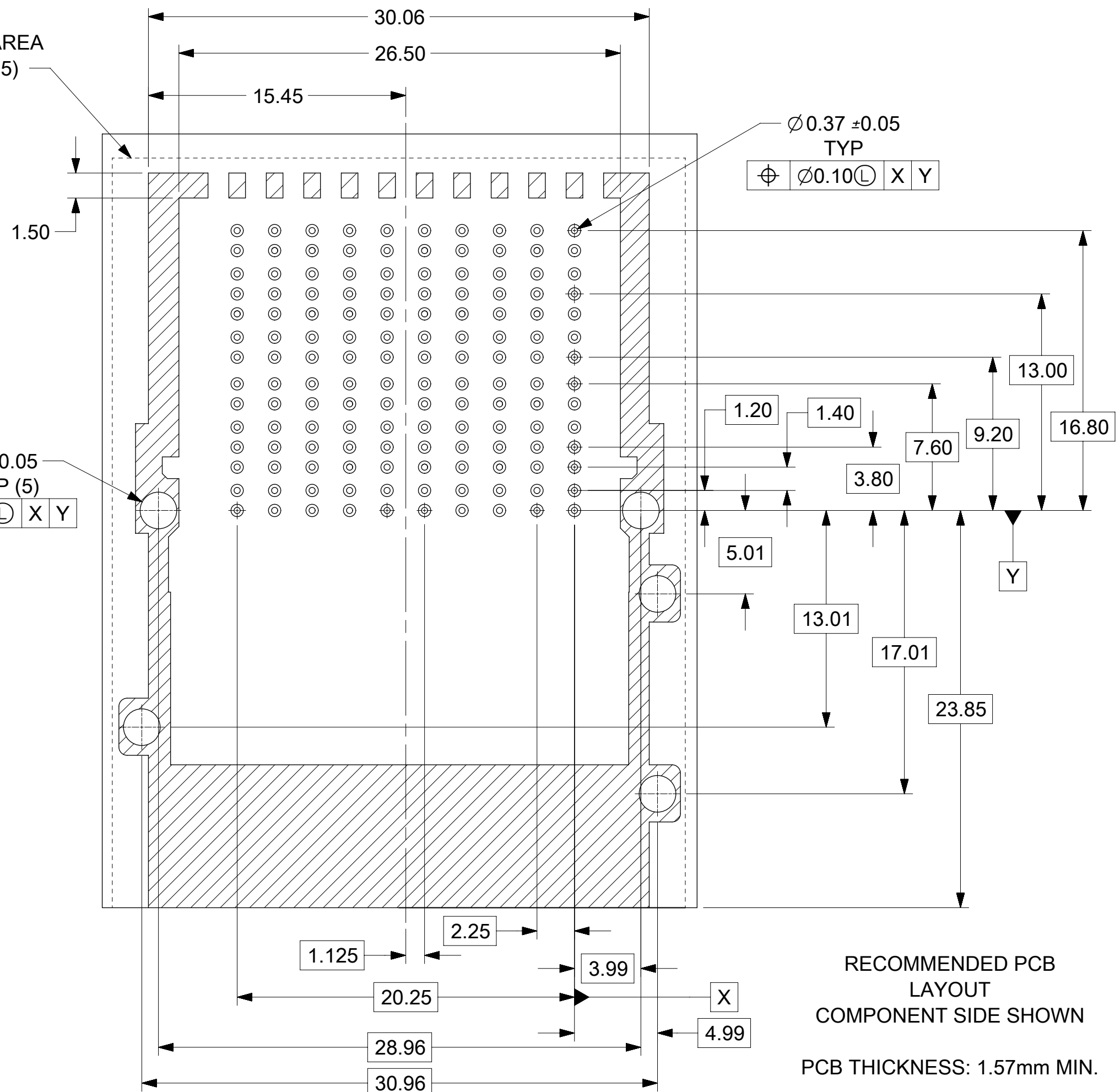
Partial 3
SCALE 4:1

NOTES:

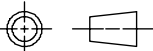
1. GROUNDS G1-G30 ARE ALL COMMON
GROUNDS G31-G60 ARE ALL COMMON
2. CROSS-HATCHED AREA TO BE CONDUCTIVE
ON THE PCB.
3. RECOMMENDED DRILL SIZE FOR 0.37Ø FINISHED
PTH IS 0.457mmØ (.018inØ(#77. DRILL))
4. RECOMMENDED ANNULAR RING AROUND 0.37Ø FINISHED
PTH IS 0.73Ø
5. KEEP OUT AREA EXEPTION:
WHEN ADJACENT CONNECTOR IS PRESENT IT WILL INTERLEAVE
SHOWN KEEP OUT AREA)

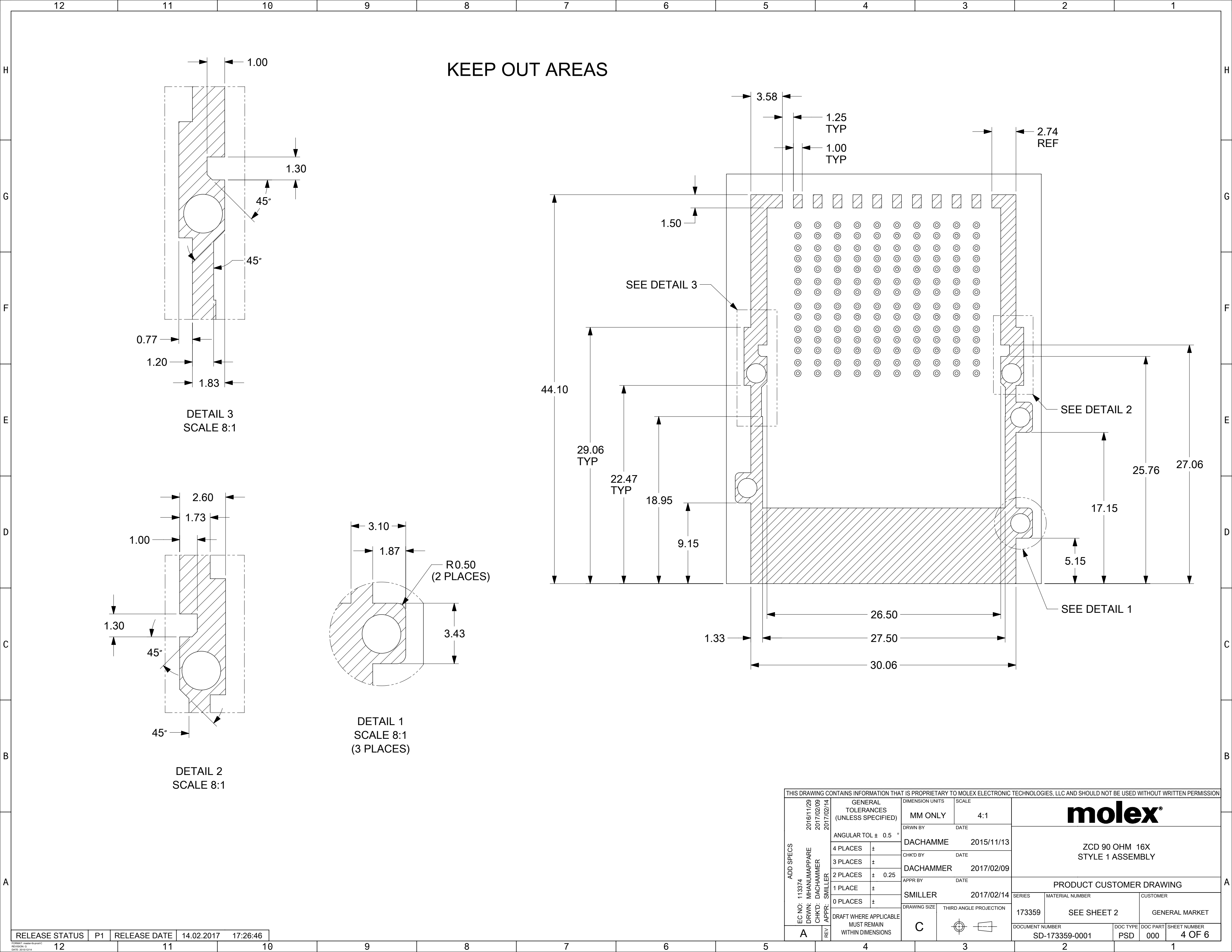
KEEP OUT AREA
(SEE NOTE 5)

Ø2.20 ±0.05
PTH TYP (5)



RECOMMENDED PCB
LAYOUT
COMPONENT SIDE SHOWN
PCB THICKNESS: 1.57mm MIN.

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		ANGULAR TOL ± 0.5 °		MM ONLY	4:1							
		4 PLACES	±	DRWN BY	DATE							
		3 PLACES	±	DACHAMME		2015/11/13		PRODUCT CUSTOMER DRAWING				
		2 PLACES	± 0.25	CHK'D BY	DATE							
		1 PLACE	±	DACHAMMER		2017/02/09						
		0 PLACES	±	APPR BY	DATE							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SMILLER		2017/02/14		SERIES MATERIAL NUMBER CUSTOMER				
				DRAWING SIZE	THIRD ANGLE PROJECTION			173359		SEE SHEET 2		GENERAL MARKET
		C										
A						DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
						SD-173359-0001		PSD	000	3 OF 6		



KEEP OUT AREAS

DETAIL 3
SCALE 8:1

DETAIL 1
SCALE 8:1
(3 PLACES)

DETAIL 2
SCALE 8:1

molex

ZCD 90 OHM 16X
STYLE 1 ASSEMBLY

PRODUCT CUSTOMER DRAWING

SERIES MATERIAL NUMBER CUSTOMER

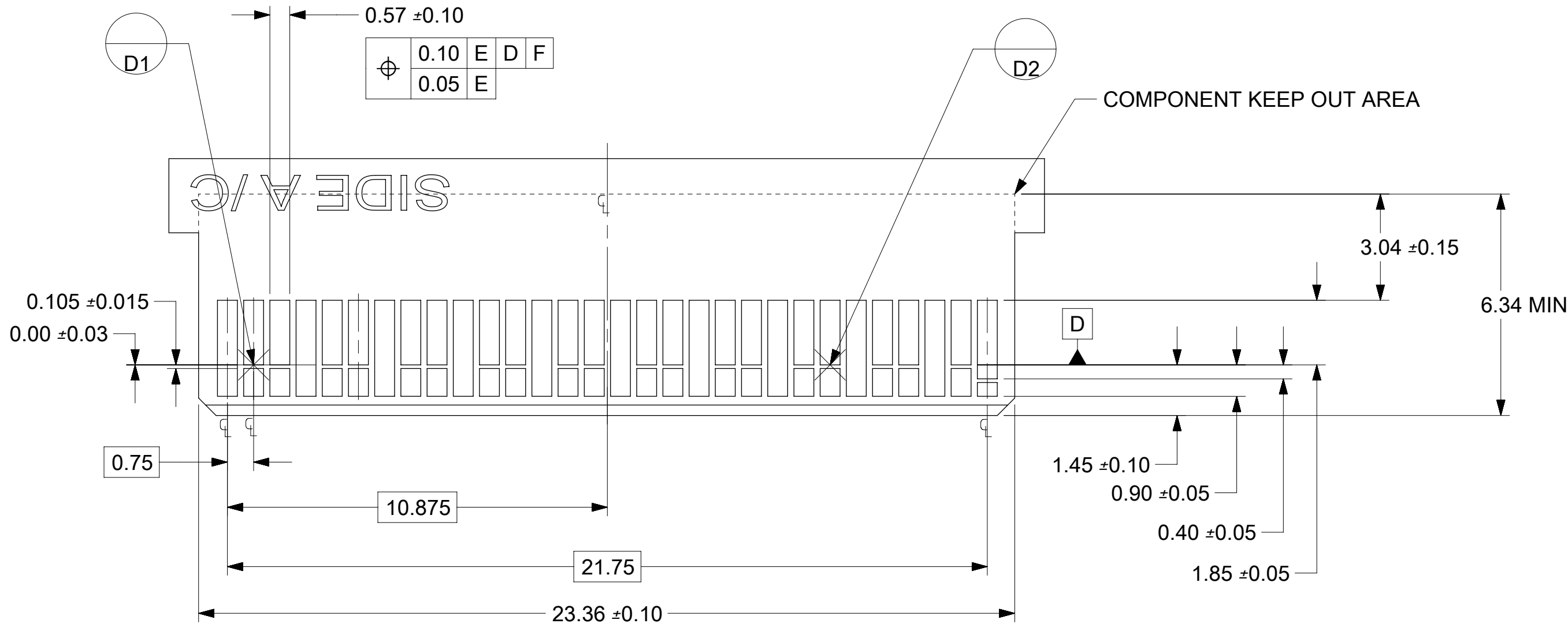
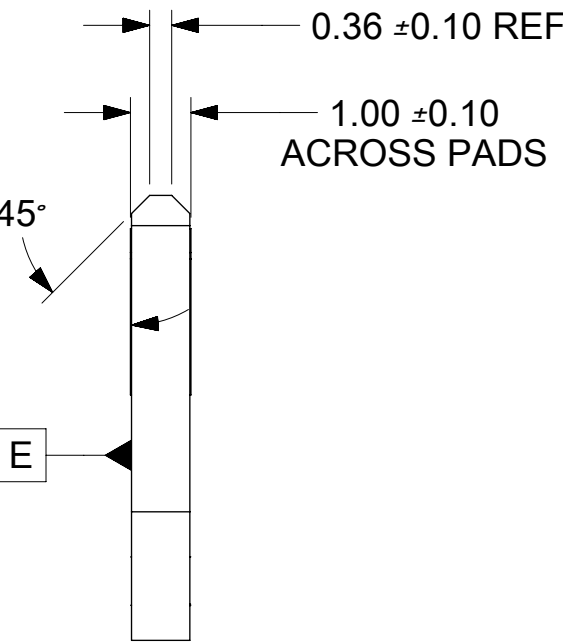
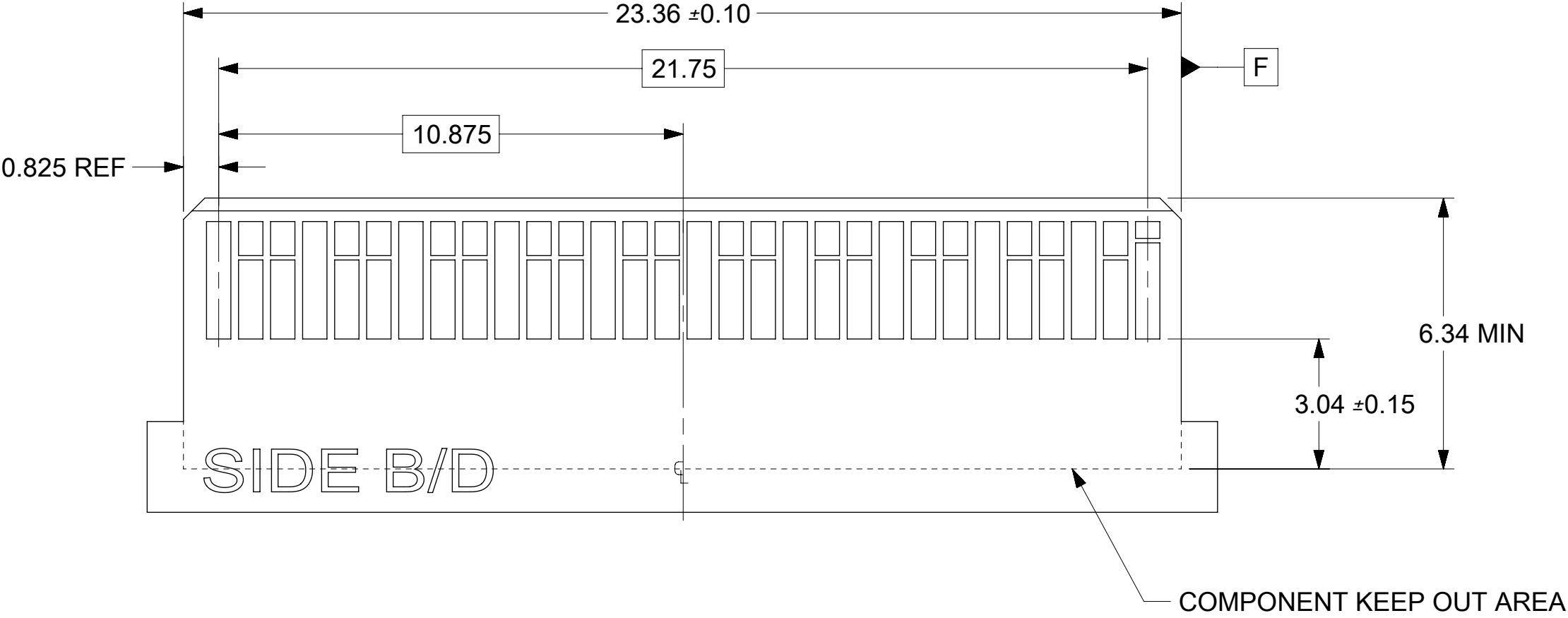
173359 SEE SHEET 2 GENERAL MARKET

DOCUMENT NUMBER SD-173359-0001 DOC TYPE PSD DOC PART 000 SHEET NUMBER 4 OF 6

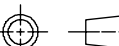
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			MM ONLY		4:1	
	ANGULAR TOL ± 0.5 °		DRWN BY		DATE	
	4 PLACES ±		DACHAMME		2015/11/13	
	3 PLACES ±		CHK'D BY		DATE	
	2 PLACES ± 0.25		DACHAMMER		2017/02/09	
	1 PLACE ±		APPR BY		DATE	
	0 PLACES ±		SMILLER		2017/02/14	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION	
			C			

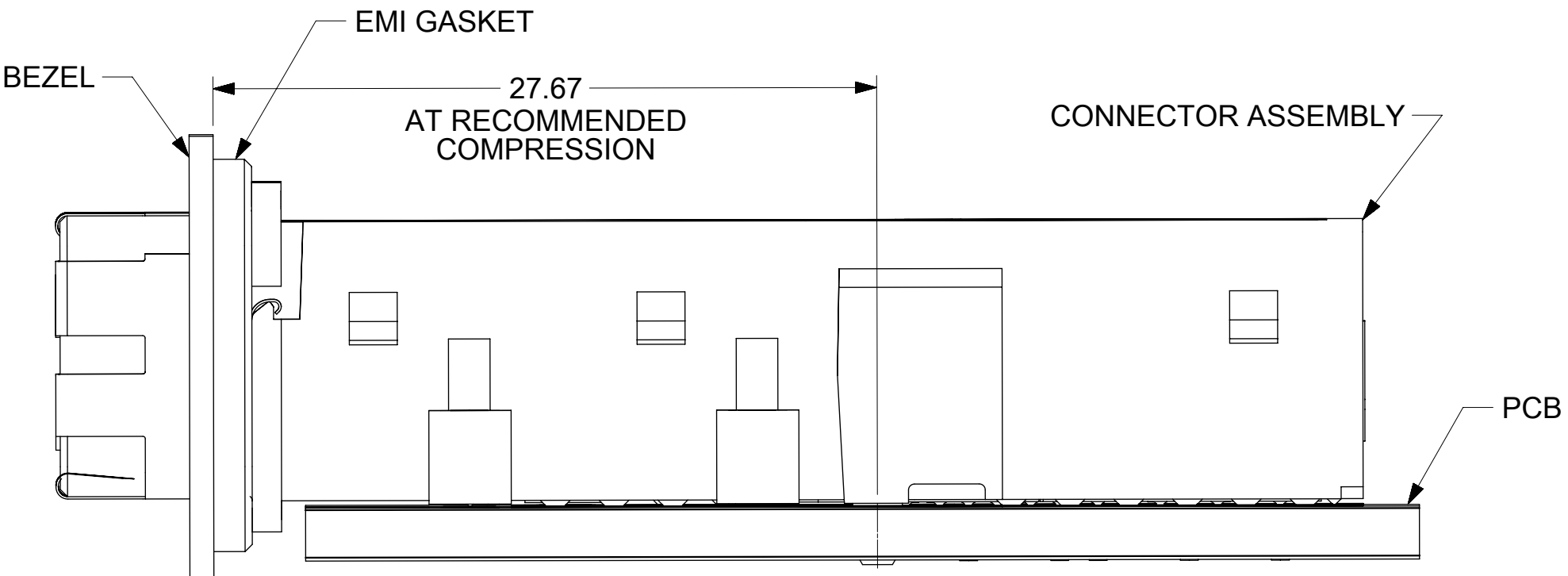
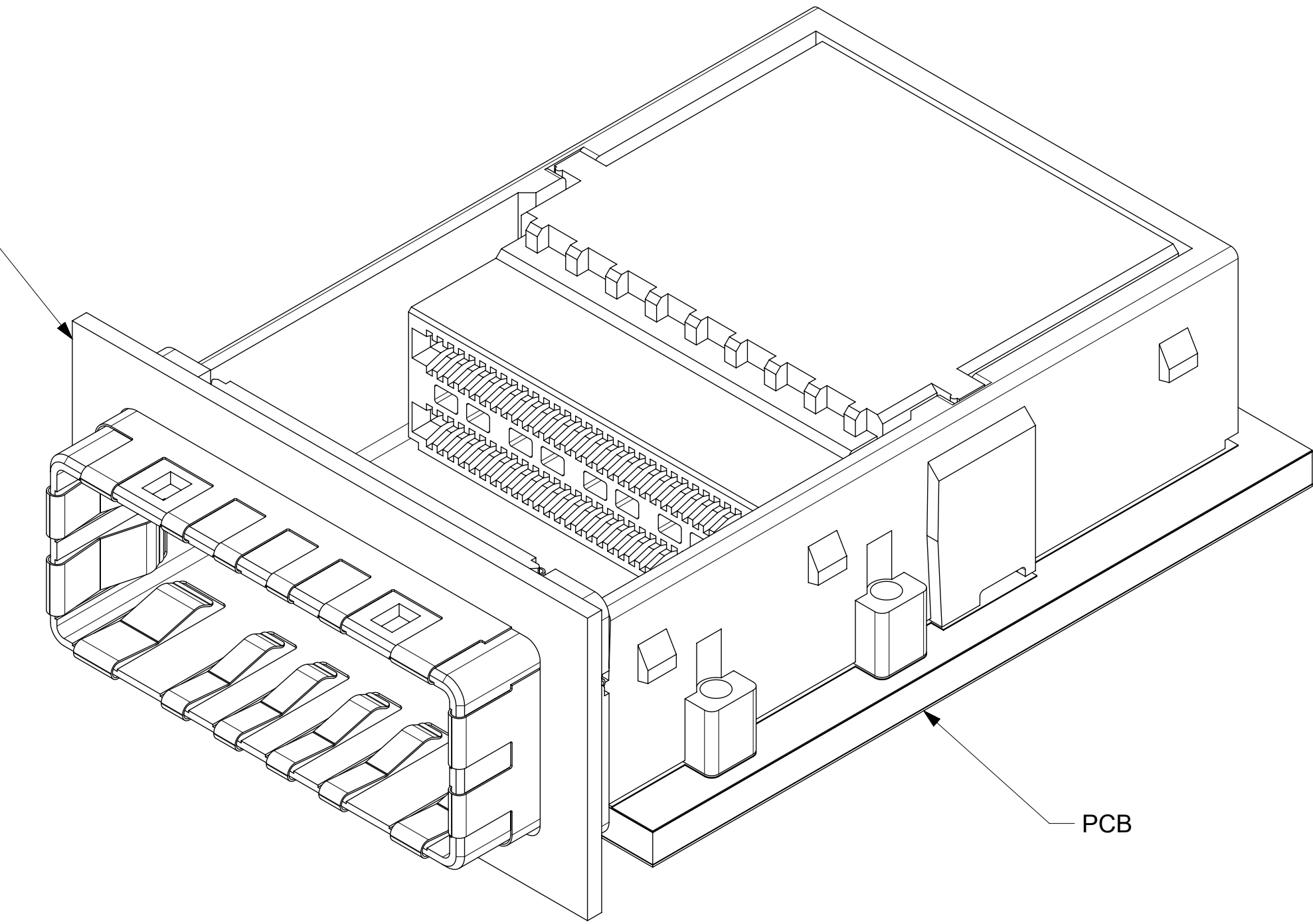
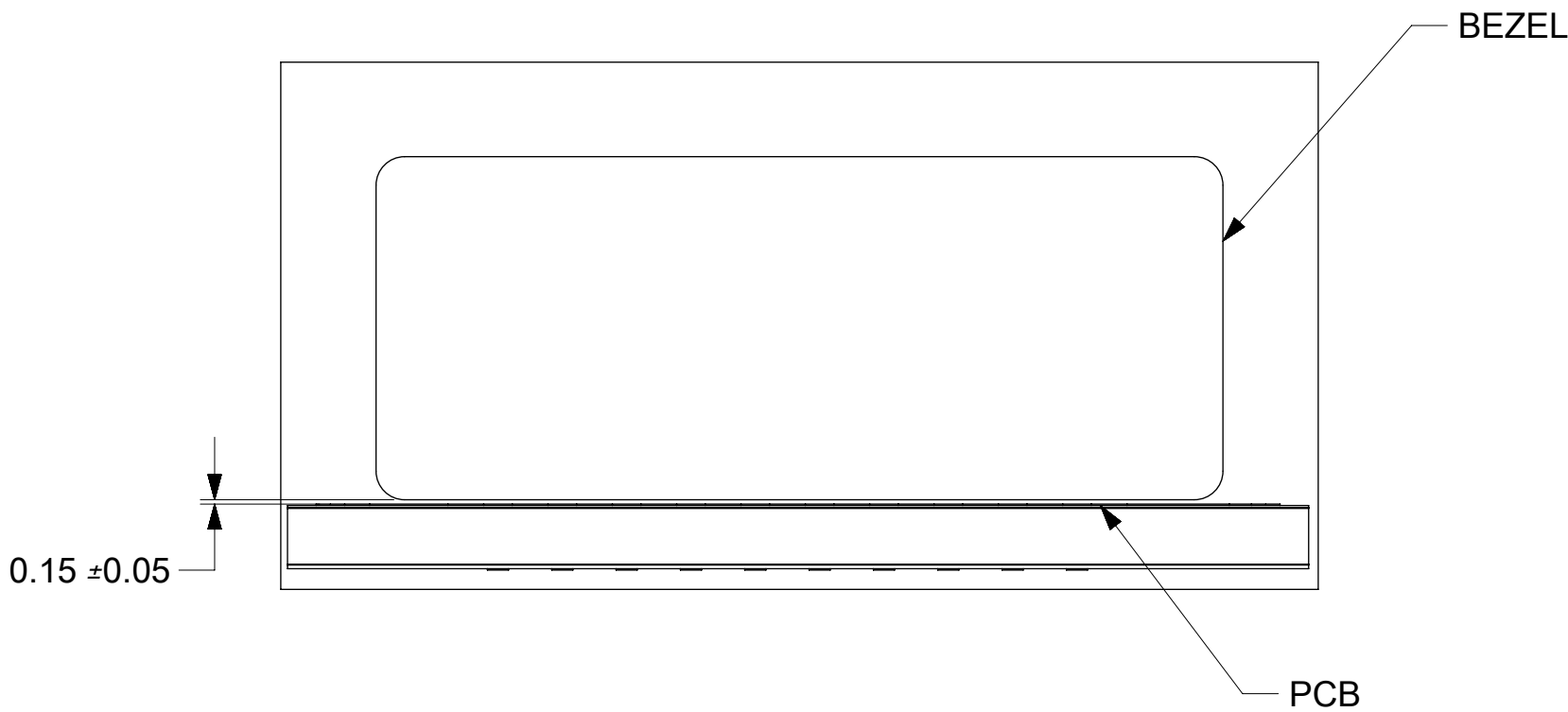
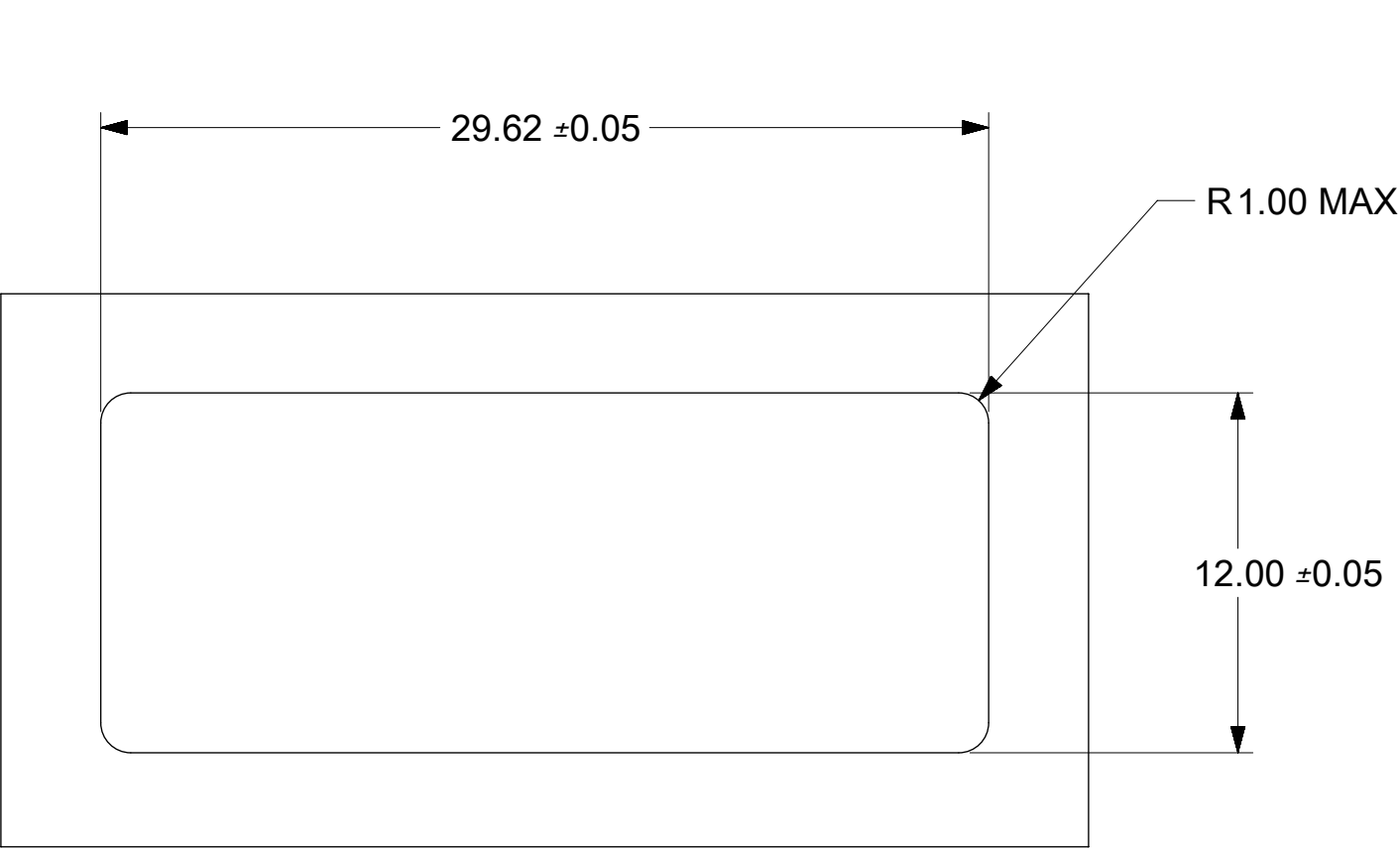
MATE SIDE PCB DIMENSIONS



- NOTES:
- 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
 - DATUM D TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

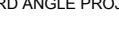
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		MM ONLY		2:1											
		ANGULAR TOL ± 0.5 °		DRWN BY		DATE		ZCD 90 OHM 16X STYLE 1 ASSEMBLY							
		4 PLACES ±		DACHAMME		2015/11/13									
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		2 PLACES ± 0.25		DACHAMMER		2017/02/09									
		1 PLACE ±		APPR BY		DATE		173359 SEE SHEET 2 GENERAL MARKET							
		0 PLACES ±		SMILLER		2017/02/14									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
		A		C				SD-173359-0001		PSD		000		5 OF 6	

PANEL MOUNT CONFIGURATION



ASSEMBLED VIEW

NOTE:
1. MINIMUM PITCH BETWEEN TWO ADJACENT CONNECTORS IS 34mm.
2. BEZEL THICKNESS = 0.80 TO 2.4 mm

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		MM ONLY		4:1									
		ANGULAR TOL ± 0.5 °		DRWN BY DATE									
		4 PLACES ±		DACHAMME 2015/11/13									
		3 PLACES ±		CHK'D BY DATE		PRODUCT CUSTOMER DRAWING							
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		1 PLACE ±		APPR BY DATE									
		0 PLACES ±		SMILLER 2017/02/14									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
		C				173359		SEE SHEET 2		GENERAL MARKET			
				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER			
				SD-173359-0001		PSD		000		6 OF 6			