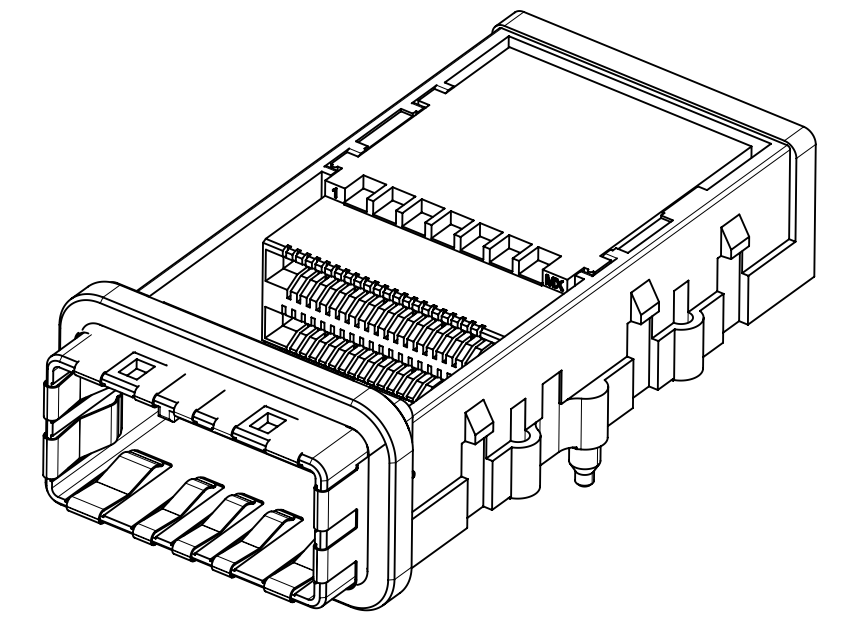
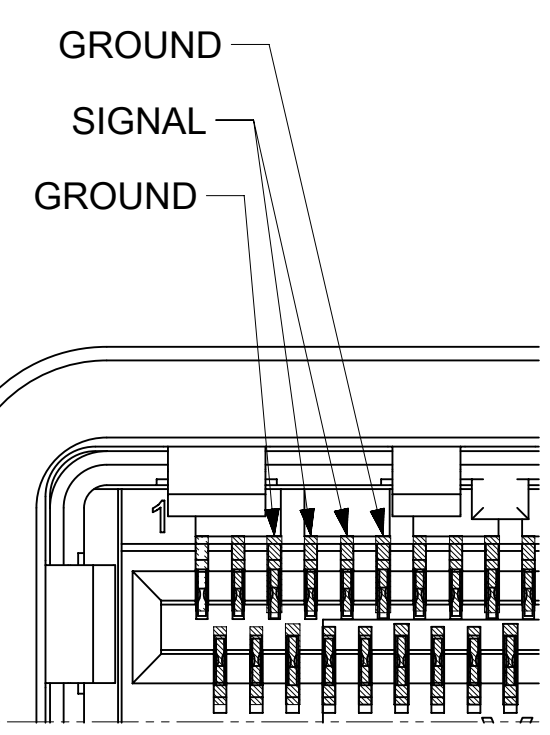


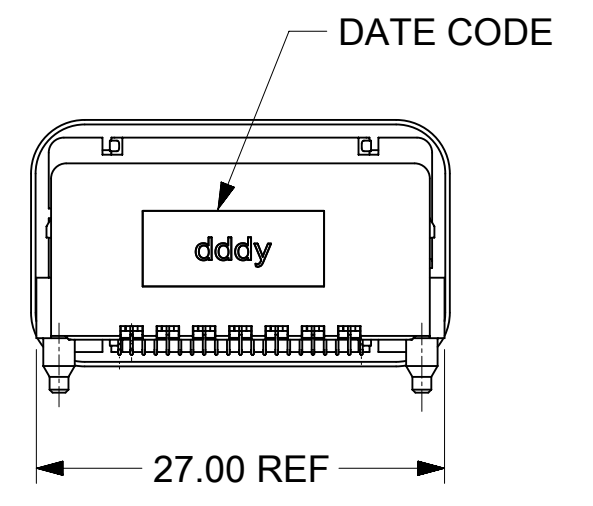
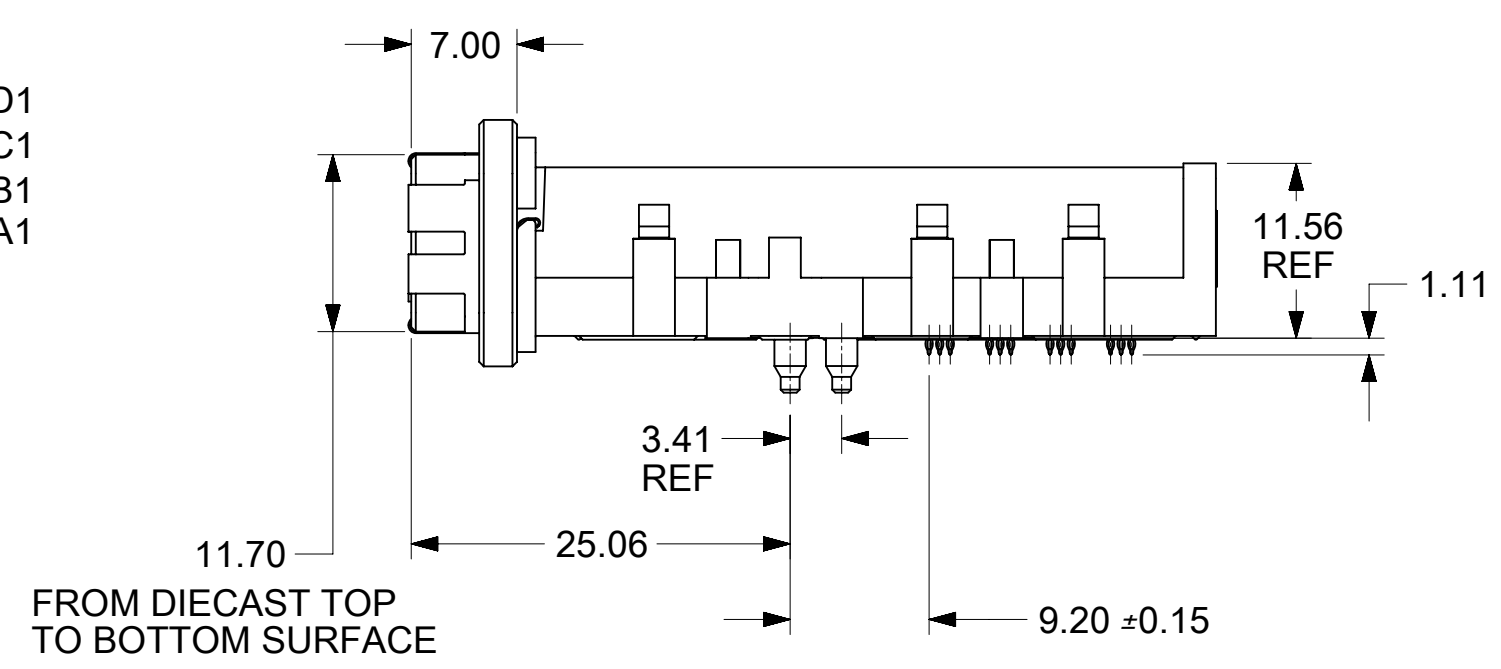
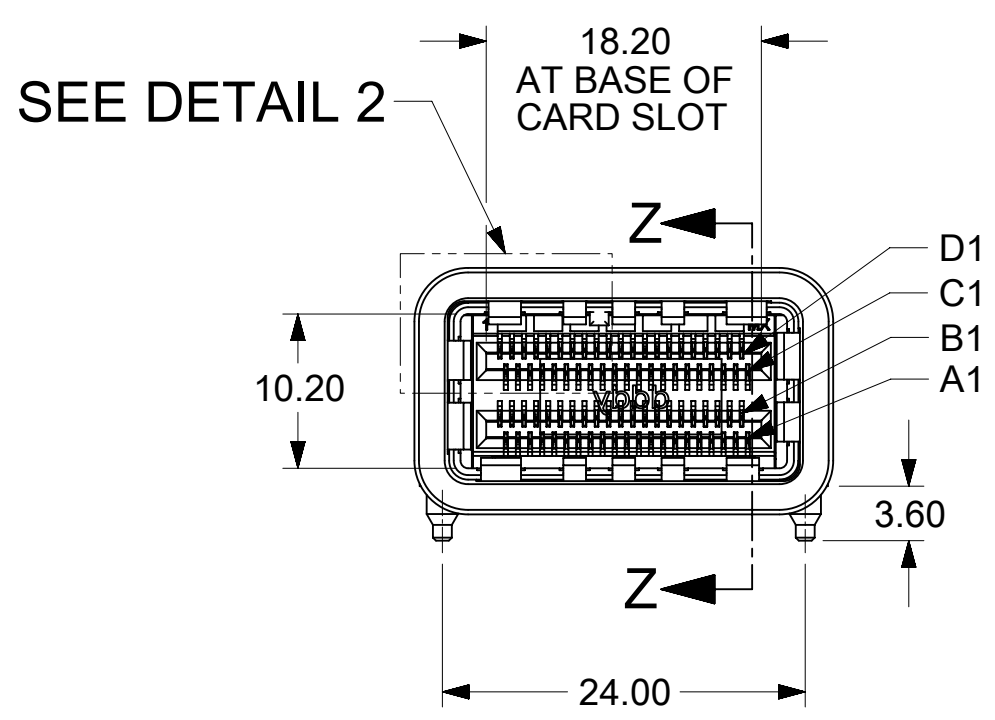
173161-0004



173161-0003



DETAIL 2
SCALE 6:1



NOTES:

- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC GLASS-FILLED, UL 94V-0
EMI HOUSING: NICKEL PLATED DIE CAST ALLOY
COVER: STAINLESS STEEL ALLOY
EMI GASKET: CONDUCTIVE FABRIC OVER FOAM UL 94 V-0
TERMINALS: COPPER ALLOY
- PLATING:
CONTACT AREA: 0.76µm MIN. GOLD OVER 2.54µm MIN. NICKEL
TIN TAIL AREA: 0.76µm - 1.52µm TIN OVER 1.27µm MIN NICKEL
- THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES INDICATED IN THE MOLEX PRODUCT SPEC. PS-173124-0001.
- REFER TO ROUTING GUIDE AS-173124-0002 FOR PCB TRACE INFORMATION.
- PACKAGING SPECIFICATION: TRAY PACK PER PK-170465-0001.
- REFER TO AS-170465-0001 FOR THE APPLICATION SPECIFICATION.
- MOUNTING HARDWARE REQUIRED: M2x0.4 CAP SCREWS (4)
MOUNTING SCREW LENGTH: BOARD THICKNESS + 4mm MAX

MATERIAL #	DESCRIPTION
1731610003	NO COVER
1731610004	WITH COVER

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: DRAWING MIGRATION	
▽ = 0	4 PLACES ±	mm	SCALE	EC NO: 620721	
▽ = 0	3 PLACES ±	2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	DRWN: VNANDAM	2018/08/09
▽ = 0	2 PLACES ±	MM INCH		CHK'D: RNELSON	2019/07/18
▽ = 0	1 PLACE ±			APPR: RNELSON	2019/07/18
▽ = 0	0 PLACES ±			INITIAL REVISION:	
▽ = 0	ANGULAR TOL ± 0.5°			DRWN: SVANG01	2016/04/07
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: SVANG01	2016/04/08
		THIRD ANGLE PROJECTION	DRAWING	SERIES	
			C-SIZE	173161	
DOCUMENT STATUS	P1	RELEASE DATE	2019/07/18	15:33:06	

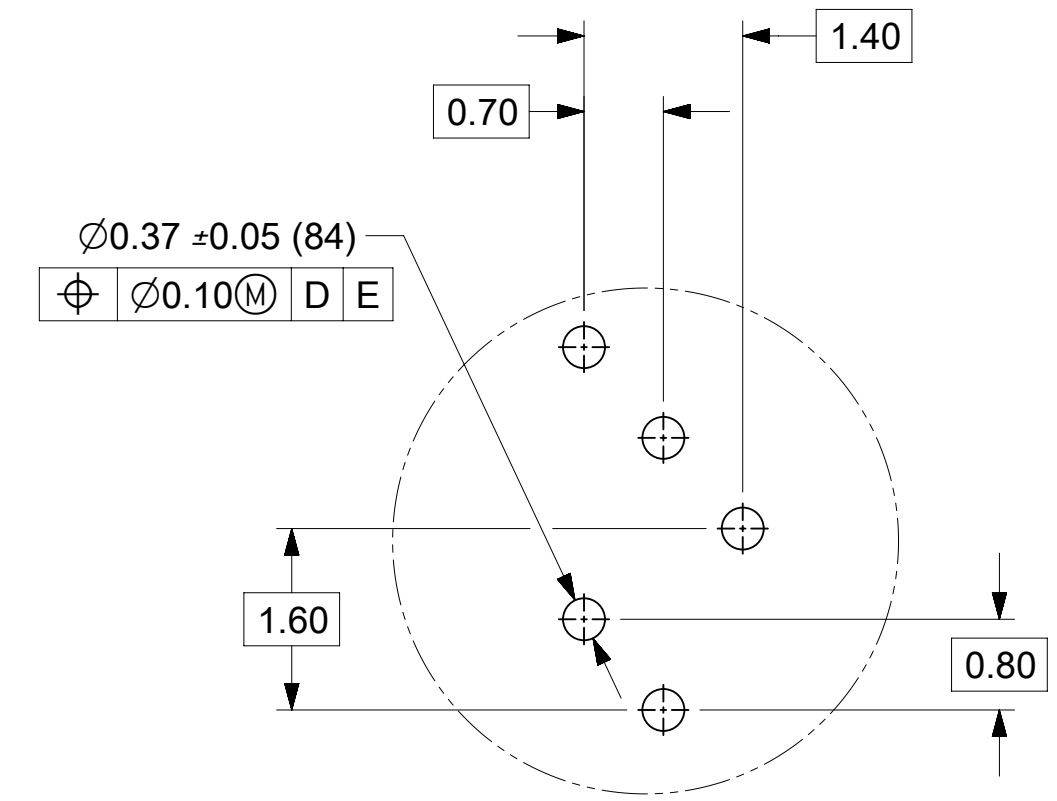
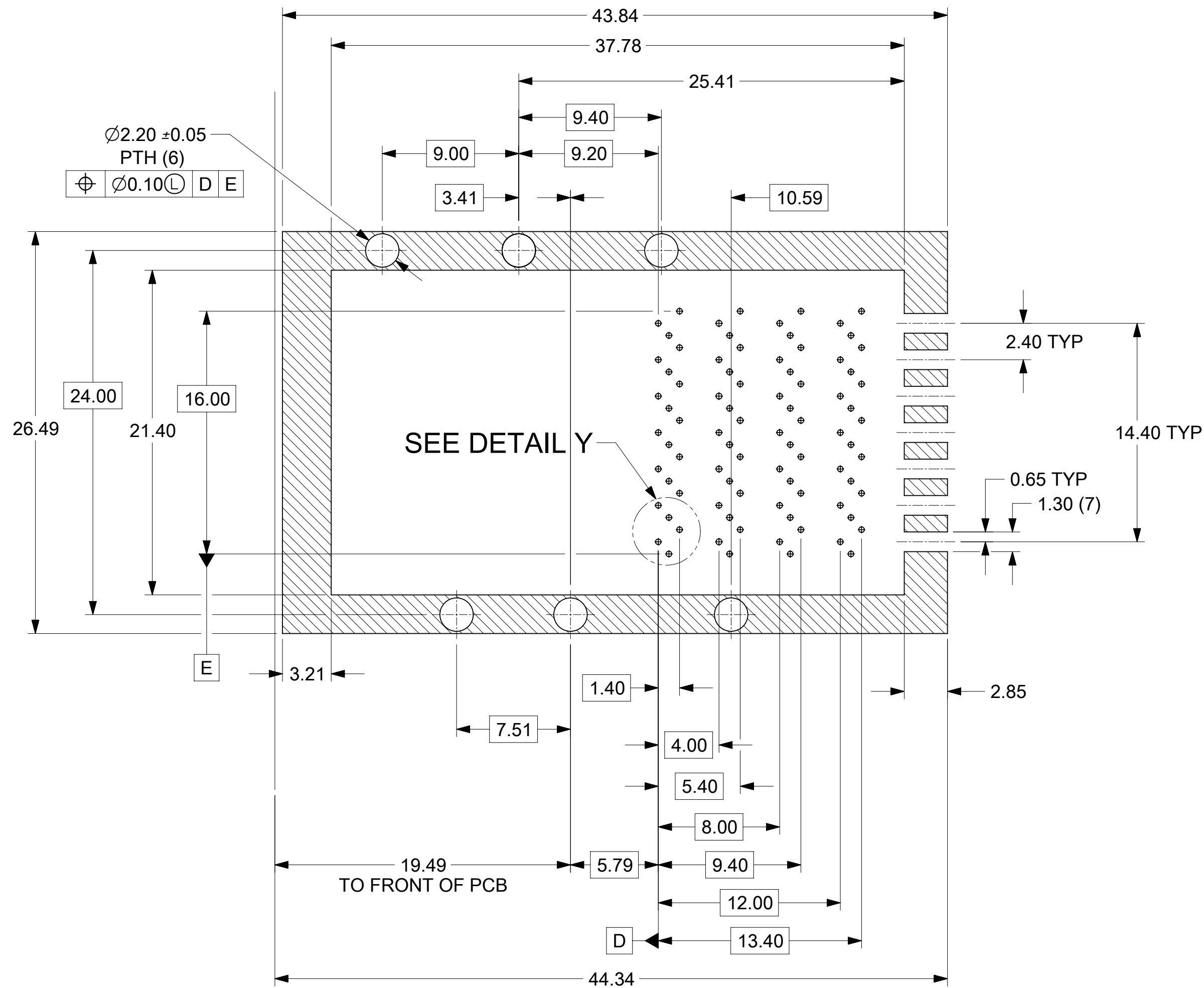
molex

ZCXP STANDARD BODY
84 CIRCUIT 0.8MM I/O CONNECTOR ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-173161-0003	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 4



- NOTES:**
- CROSS-HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
 - CROSS-HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.
 - REFER TO THE PLATING DETAIL OF THE COMPLIANT PIN HOLES IN THE APPLICATION SPEC AS-173124-0002 FOR THE DRILL SIZE AND ANNULAR RING FOR THE 0.37 ϕ FINISHED HOLE.
 - MINIMUM RECOMMENDED SPACING: 26.50

RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN

PCB THICKNESS: 1.57mm MIN.

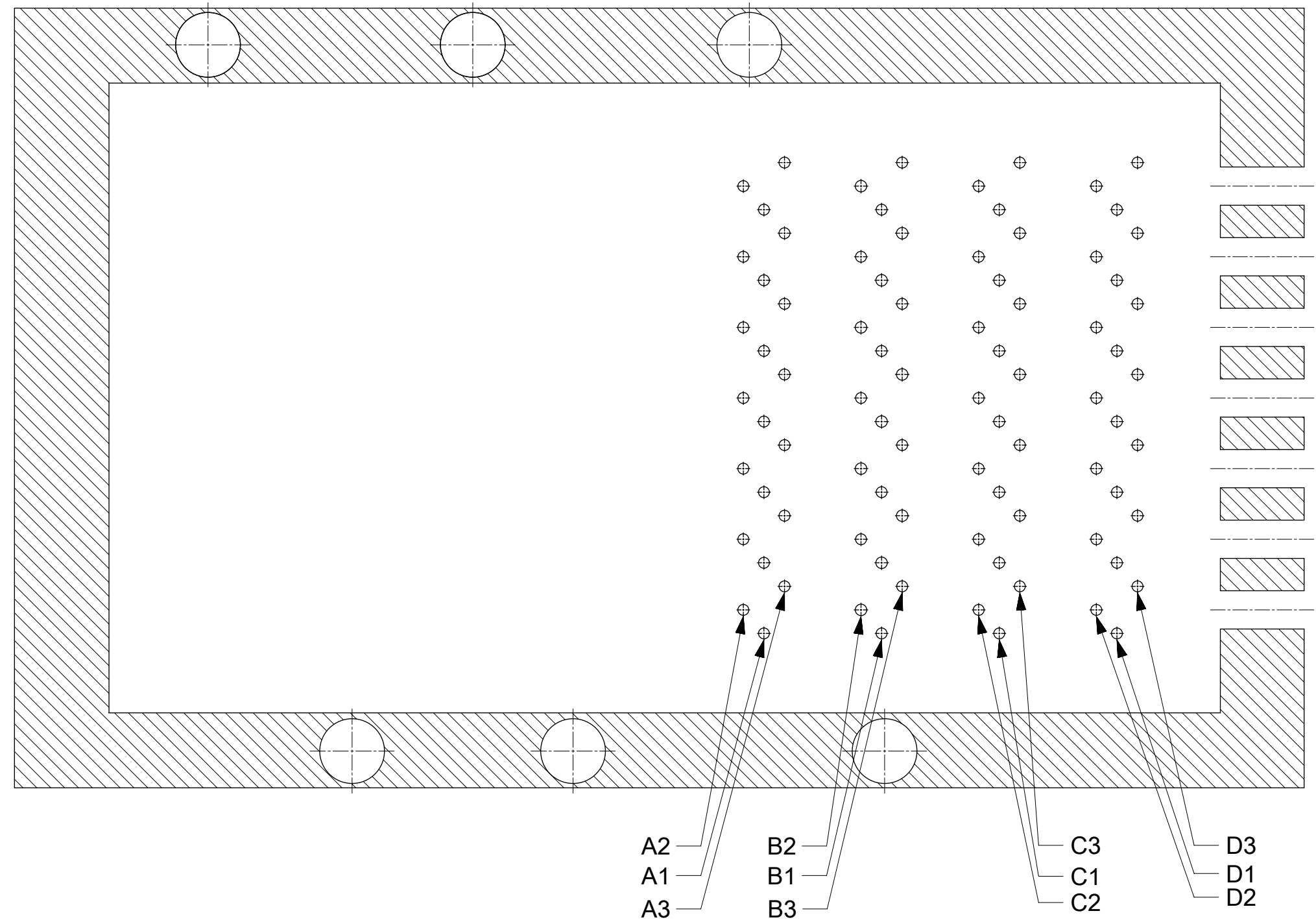
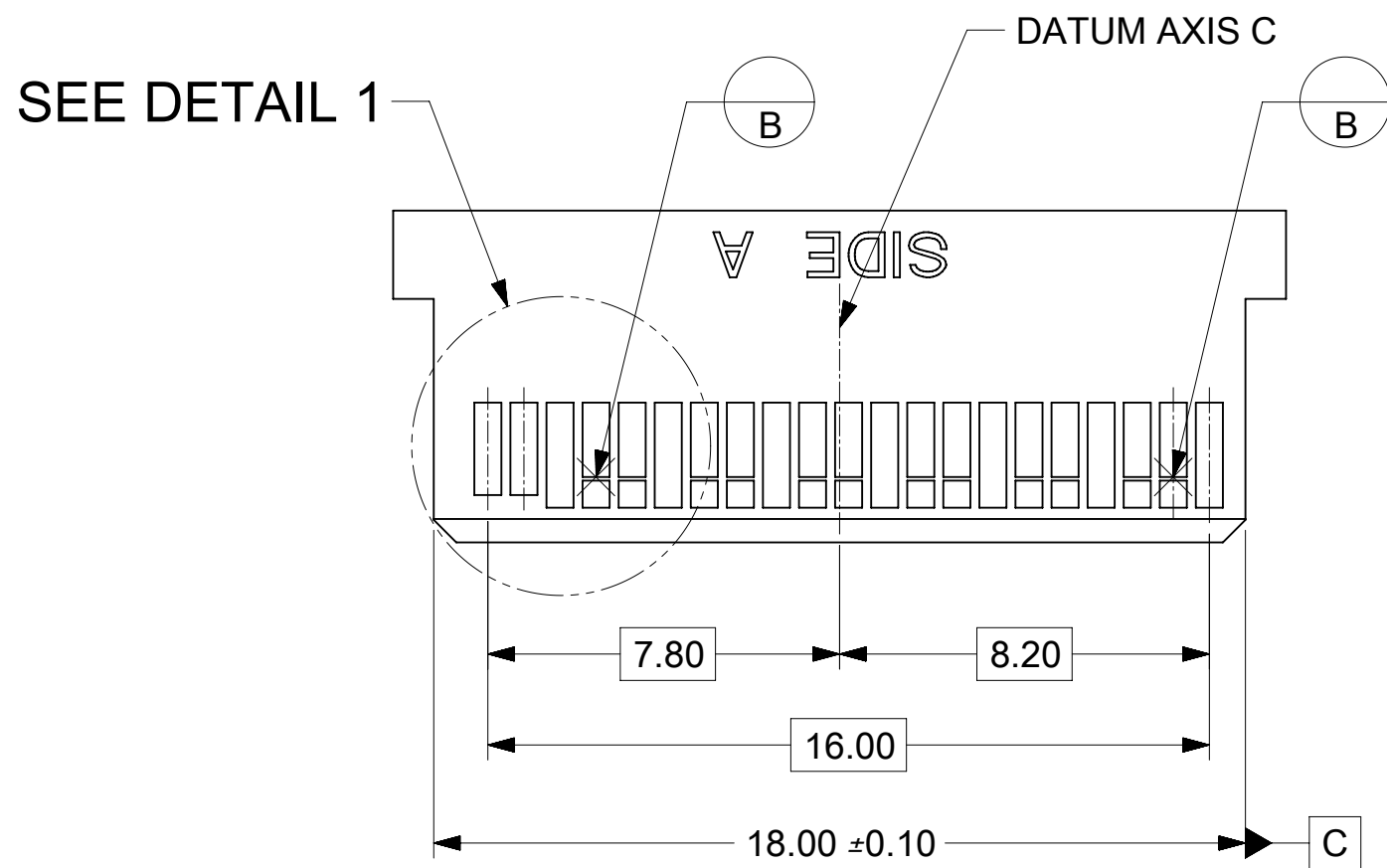
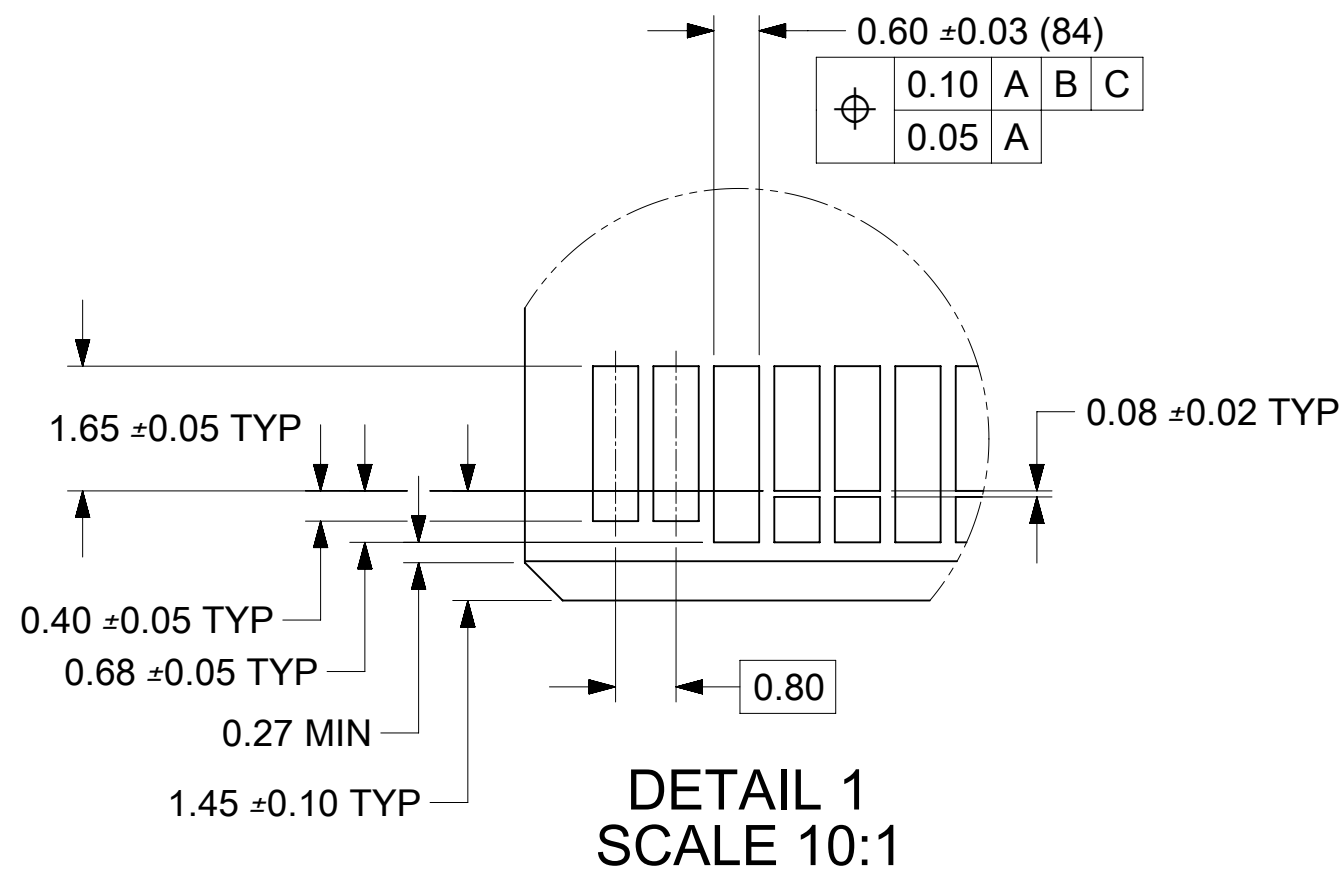
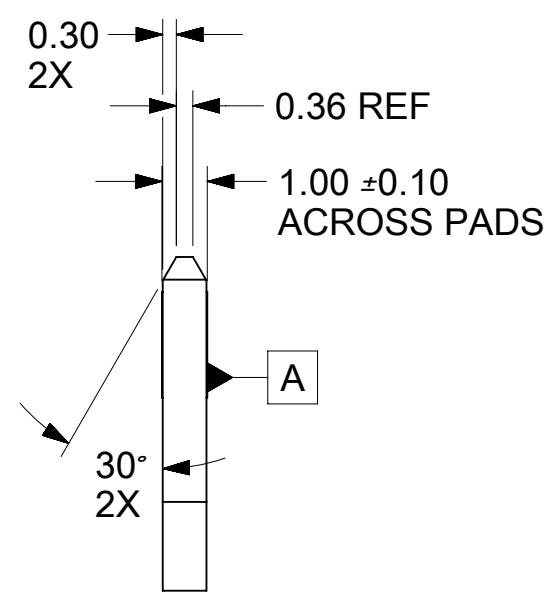
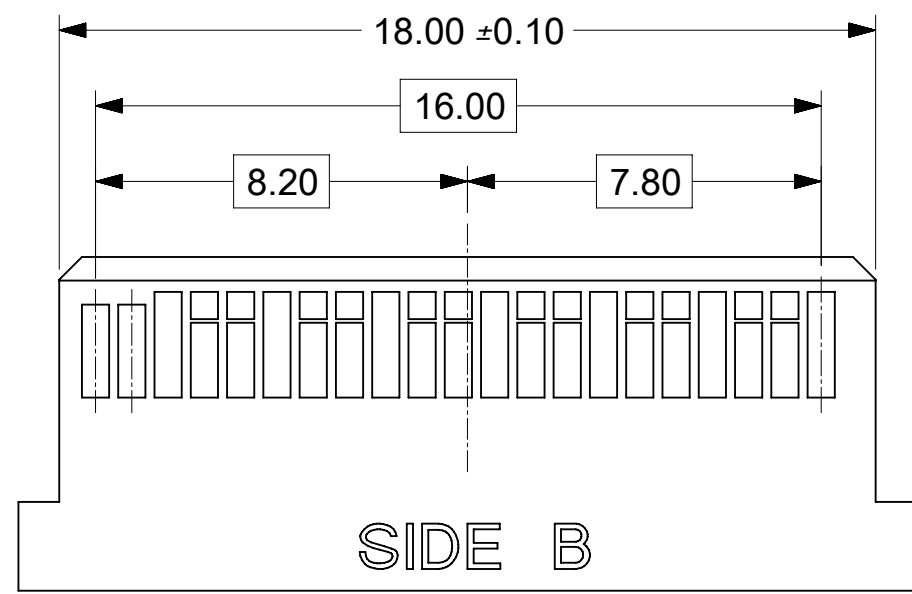
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$\nabla = 0$		MM	INCH	INITIAL REVISION: DRWN: SVANG01 2016/04/07 APPR: SVANG01 2016/04/08
$\nabla = 0$	4 PLACES	±	±	
$\nabla = 0$	3 PLACES	±	±	2016/04/07 2016/04/08
$\nabla = 0$	2 PLACES	± 0.25	±	
$\nabla = 0$	1 PLACE	±	±	DRAWING SERIES C-SIZE 173161
$\nabla = 0$	0 PLACES	±	±	
$\nabla = 0$	ANGULAR TOL ± 0.5°		THIRD ANGLE PROJECTION	MATERIAL NUMBER
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CUSTOMER	SHEET NUMBER
				SD-173161-0003
				SEE CHART
				GENERAL MARKET
				2 OF 4

molex

ZCXP STANDARD BODY
84 CIRCUIT 0.8MM I/O CONNECTOR ASSEMBLY

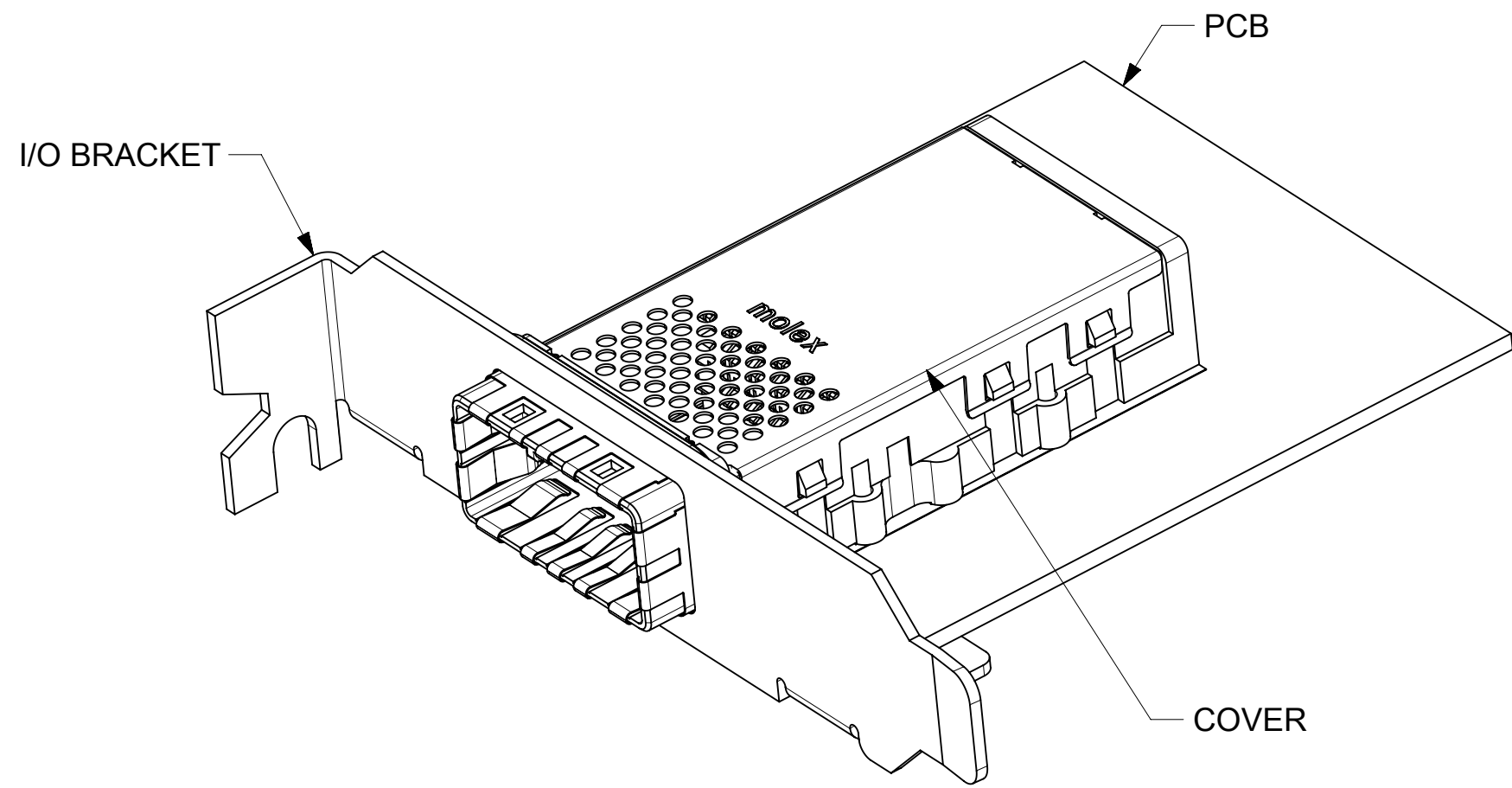
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-173161-0003	PSD	001	A

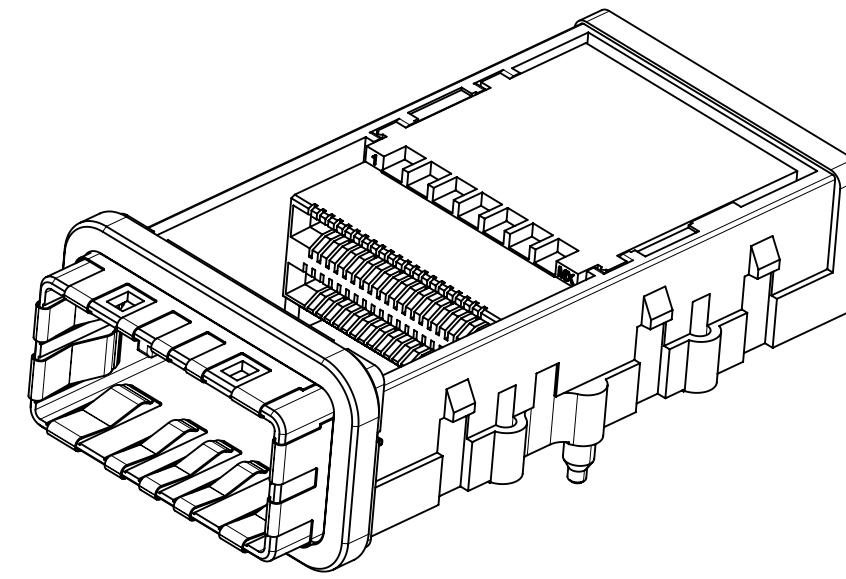


- NOTES:**
- 0.03 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
 - DATUM B TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

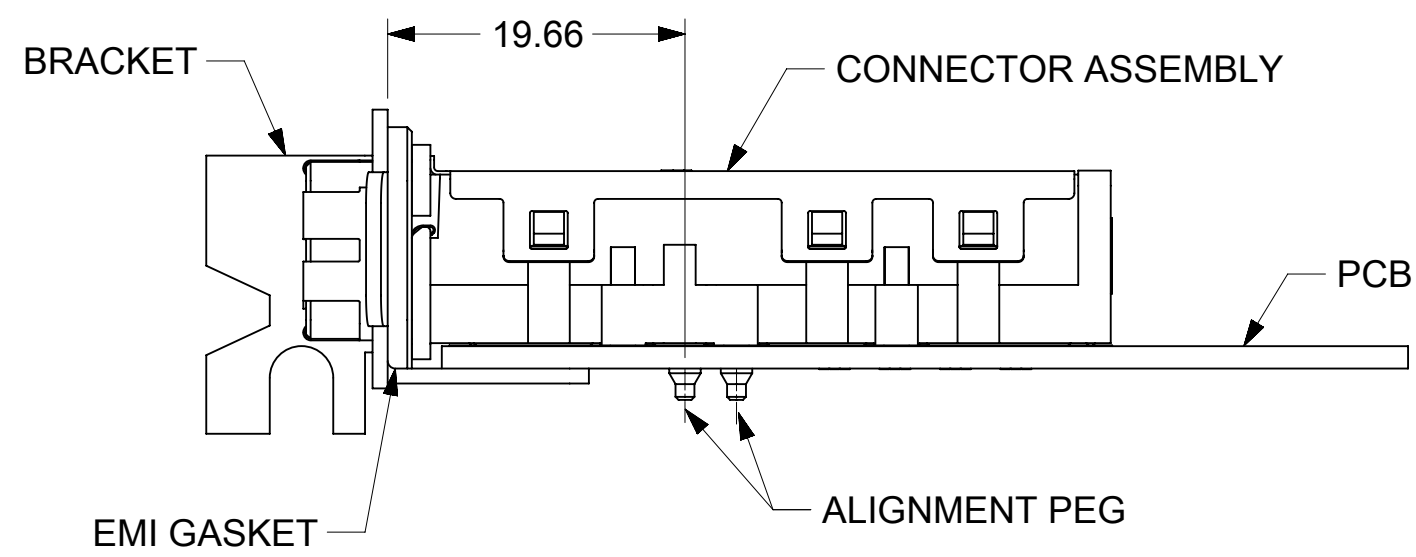
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
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▽ = 0	4 PLACES ±		±	±	INITIAL REVISION: DRWN: SVANG01 2016/04/07 APPR: SVANG01 2016/04/08						
▽ = 0	3 PLACES ±		±	±							
▽ = 0	2 PLACES ±		0.25	±	DOCUMENT NUMBER: SD-173161-0003 DOC TYPE: PSD DOC PART: 001 REVISION: A						
▽ = 0	1 PLACE ±		±	±							
▽ = 0	0 PLACES ±		±	±	MATERIAL NUMBER: SEE CHART		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 3 OF 4		
▽ = 0	ANGULAR TOL ± 0.5°		THIRD ANGLE PROJECTION			DRAWING: C-SIZE		SERIES: 173161			
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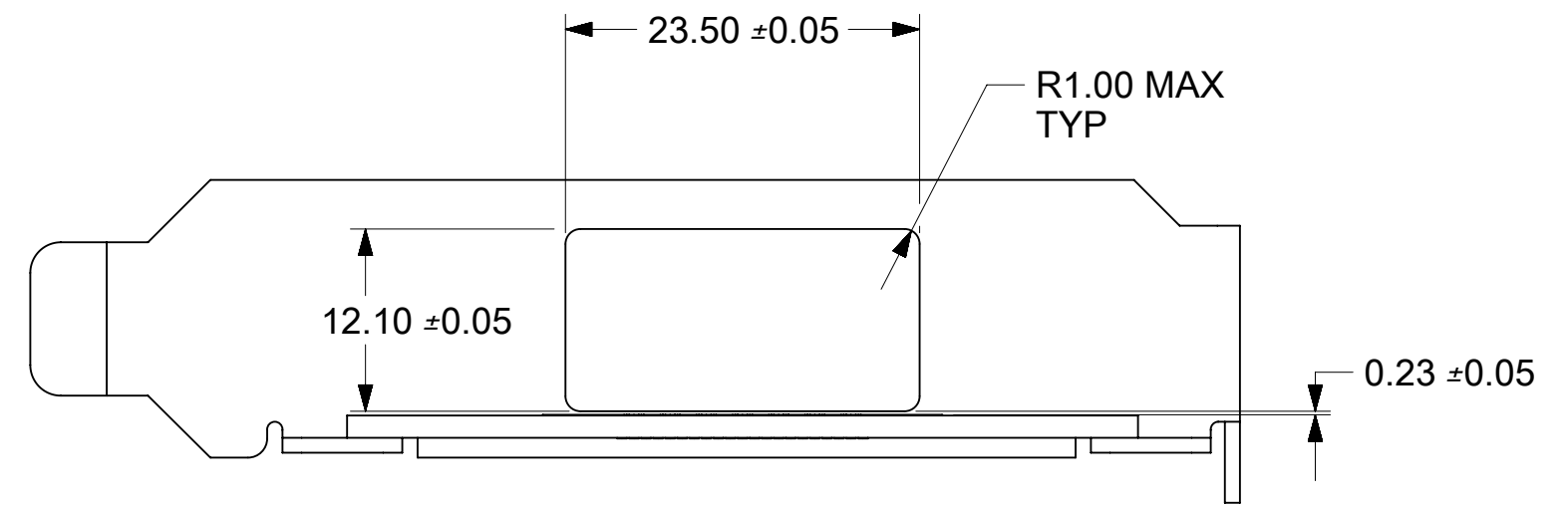
173161-0004



173161-0003



ASSEMBLED VIEW



RECOMMENDED I/O BRACKET CUT-OUT
(NOT SUPPLIED)

SYMBOLS DIMENSION UNITS SCALE CURRENT REV DESC: DRAWING MIGRATION EC NO: 620721 DRWN: VNANDAM 2018/08/09 CHK'D: RNELSON 2019/07/18 APPR: RNELSON 2019/07/18 INITIAL REVISION: DRWN: SVANG01 2016/04/07 APPR: SVANG01 2016/04/08 THIRD ANGLE PROJECTION DRAWING SERIES C-SIZE 173161	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	4 PLACES ± ± 3 PLACES ± ± 2 PLACES ± 0.25 ± 1 PLACE ± ± 0 PLACES ± ± ANGULAR TOL ± 0.5 °			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-173161-0003		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DOC TYPE DOC PART REVISION PSD 001 A MATERIAL NUMBER CUSTOMER SHEET NUMBER SEE CHART GENERAL MARKET 4 OF 4		