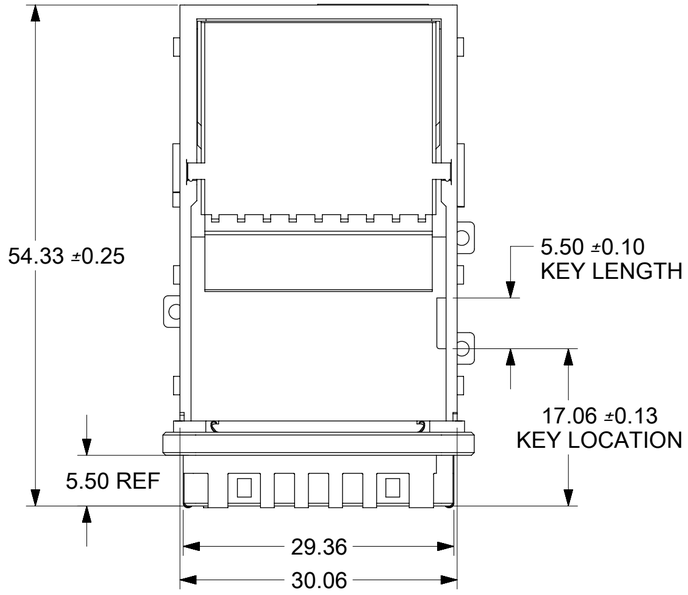
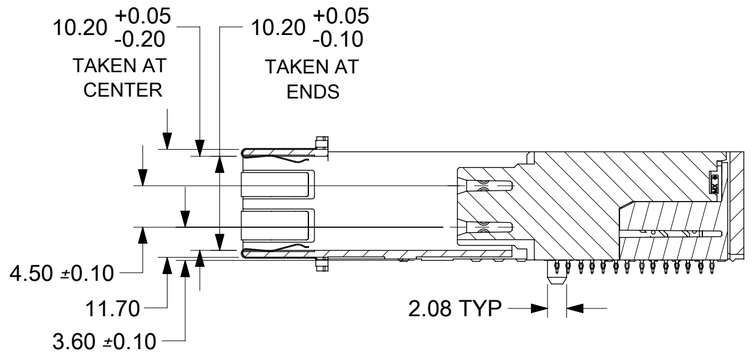
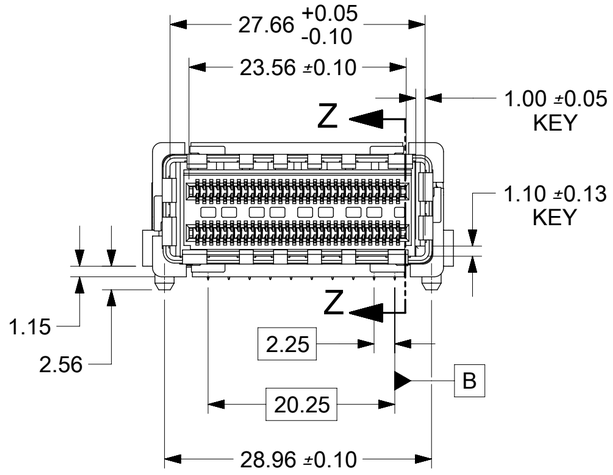
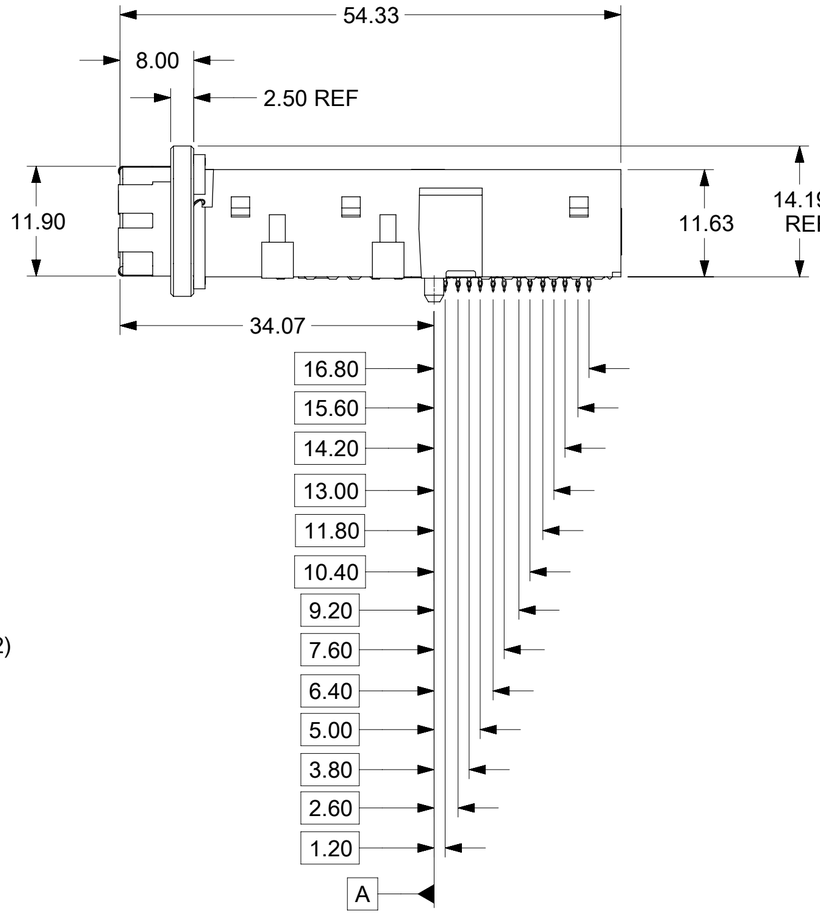
MATERIAL NUMBER
1733590001 SHOWN

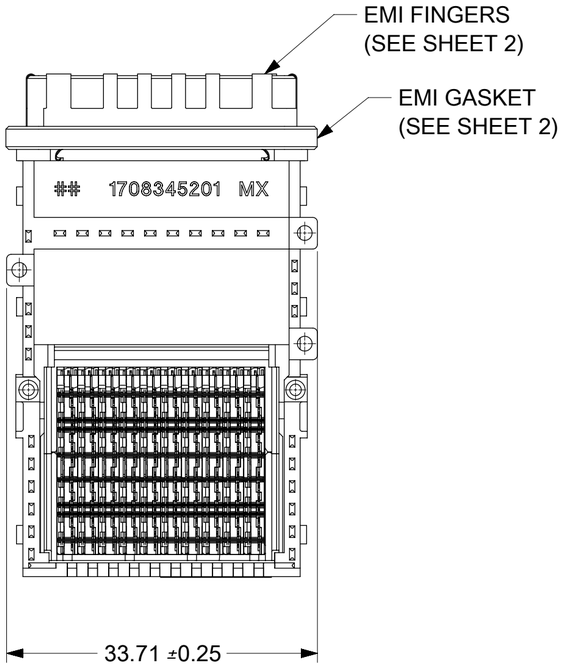




SECTION Z-Z







NOTES:
1. 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;
2. FINISHES:
   PLATING:
   CONTACT AREA:
   0.76µm MIN GOLD OVER 2.54µm MIN NICKEL;
   COMPLIANT TAIL AREA:
   0.76-3.00µm TIN OVER 1.27µm MIN NICKEL;
3. PRODUCT SPECIFICATION: PS-173359-0001;
4. PACKAGING SPECIFICATION: PK-170834-0001;
5. MATES WITH: MOLEX CABLE SERIES 200433;
6. MOUNTING HARDWARE REQUIRED:
   M2x0.4 CAP SCREWS (3);
   LENGTH: PCB THICKNESS + 3.0 MIN (6.0 MM MAX);
7. APPLICATION SPECIFICATION: AS-173359-0002;
8. ROUTING GUIDELINE: AS-173359-0001.

SYMBOLS	
EW =	0
EC =	0
EP =	0
S =	0
▼ =	0
C =	0
☒ =	0
■ =	0
V =	0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 647299
DRWN: TTAO03 2020/09/02
CHK'D: WZHAO21 2020/10/28
APPR: WZHAO21 2020/10/28

INITIAL REVISION:
DRWN: MHANUMAPPARE 2016/11/29
APPR: SMILLER 2017/02/14

molex

ZCD 90 OHM 16X
STYLE 1 ASSEMBLY

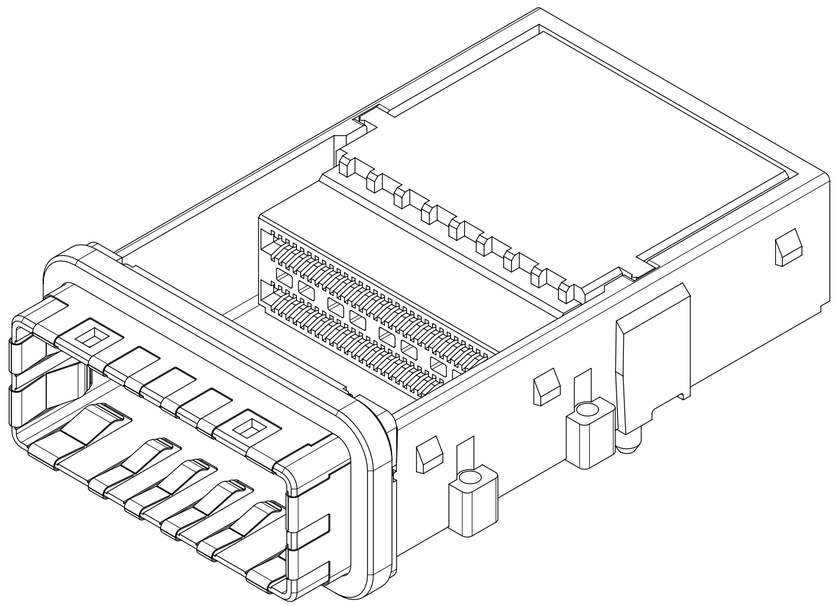
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-173359-0001	PSD	000	B

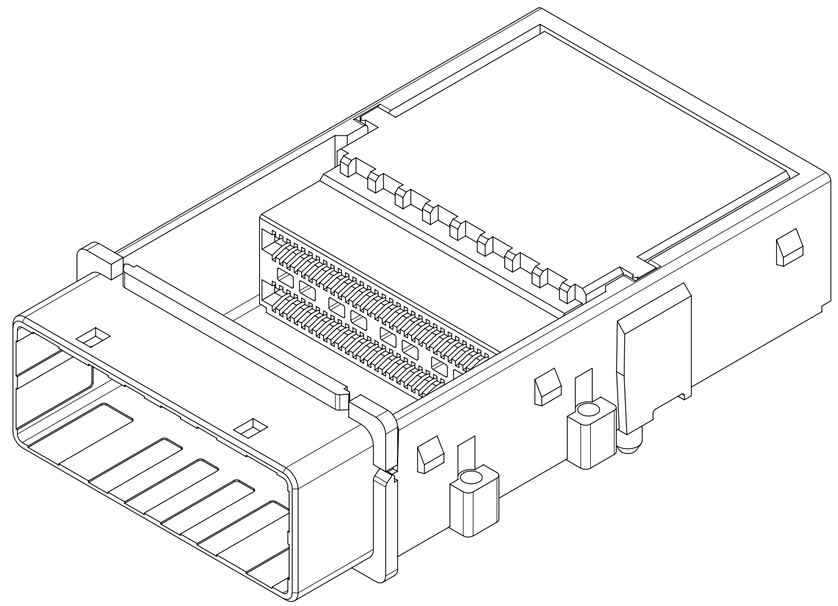
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	173359	SEE TABLE	GENERAL MARKET	1 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/28 04:29:08

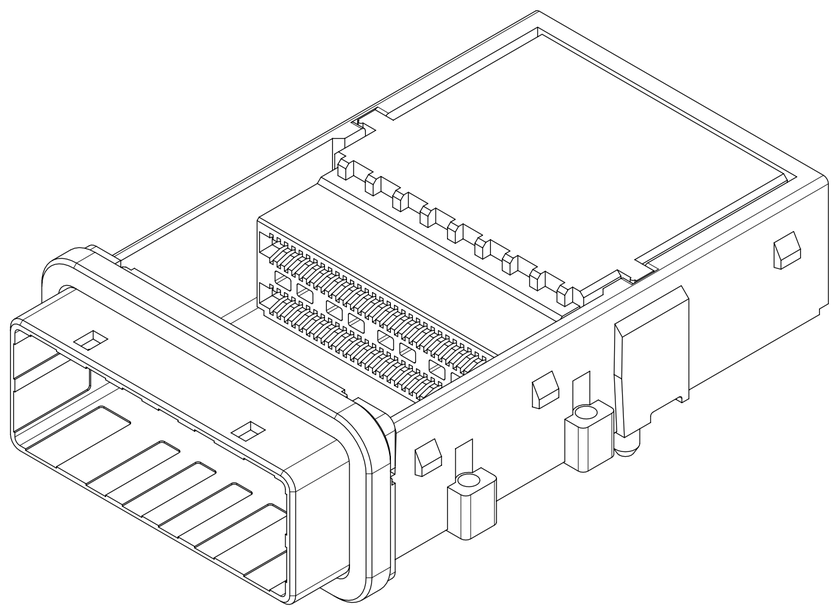
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06



1733590001 SHOWN
WITH EMI FINGERS AND EMI GASKET



1733590002 SHOWN
WITHOUT EMI FINGERS AND GASKET



1733590004 SHOWN
WITHOUT EMI FINGERS AND WITH EMI GASKET

MATERIAL NUMBER	WITH EMI FINGERS	WITH EMI GASKET
1733590001	YES	YES
1733590002	NO	NO
1733590004	NO	YES

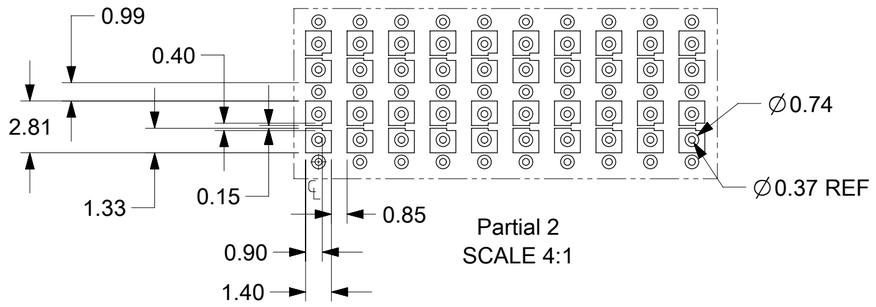
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= 0	DIMENSION UNITS: mm	SCALE:	CURRENT REV DESC:	molex			
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
= 0	ANGULAR TOL ± 0.5 °		EC NO: 647299	ZCD 90 OHM 16X STYLE 1 ASSEMBLY			
= 0	4 PLACES ±		DRWN: TTAO03 2020/09/02				
= 0	3 PLACES ±		CHK'D: WZHAO21 2020/10/28				
= 0	2 PLACES ± 0.25		APPR: WZHAO21 2020/10/28	PRODUCT CUSTOMER DRAWING			
= 0	1 PLACE ±		INITIAL REVISION:	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
= 0	0 PLACES ±		DRWN: MHANUMAPPARE 2016/11/29	SD-173359-0001	PSD	000	B
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMILLER 2017/02/14				
	THIRD ANGLE PROJECTION	DRAWING: C-SIZE	SERIES: 173359	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET		SHEET NUMBER: 2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/28 04:29:08

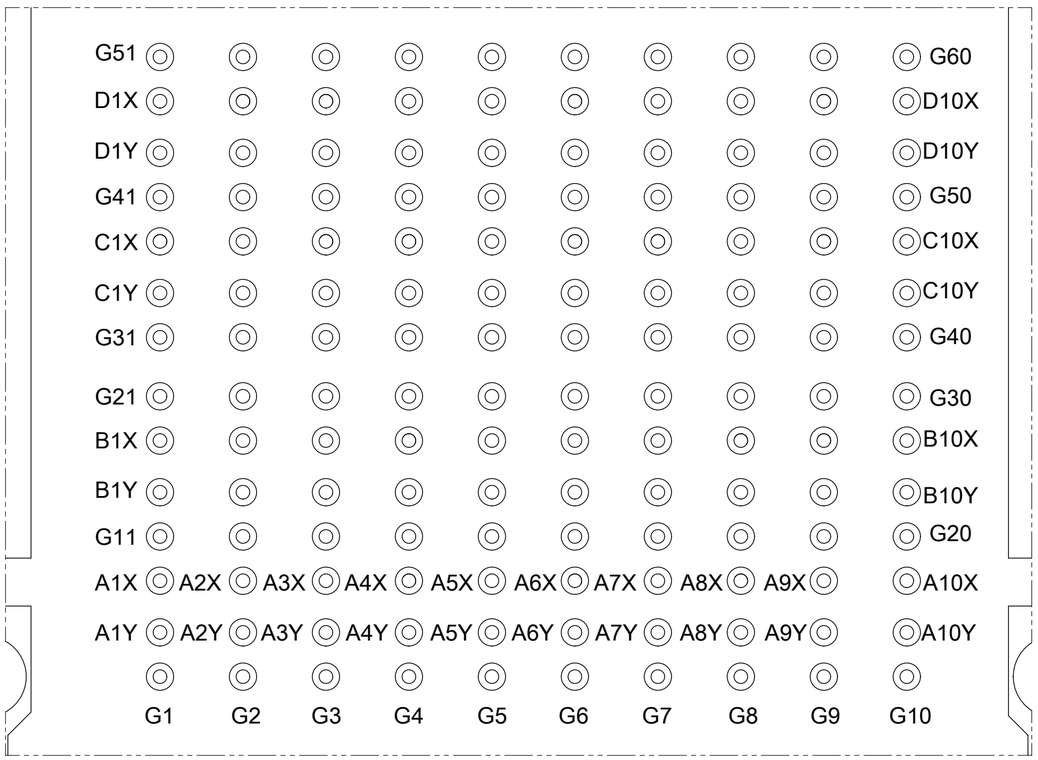
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06

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 0.37∅ FINISHED
   PTH IS 0.457mm∅ (.018in∅(#77. DRILL));
4. RECOMMENDED ANNULAR RING AROUND 0.37∅ FINISHED
   PTH IS 0.73∅;
5. KEEP OUT AREA EXEPTION:
   WHEN ADJACENT CONNECTOR IS PRESENT IT WILL INTERLEAVE
   SHOWN KEEP OUT AREA).

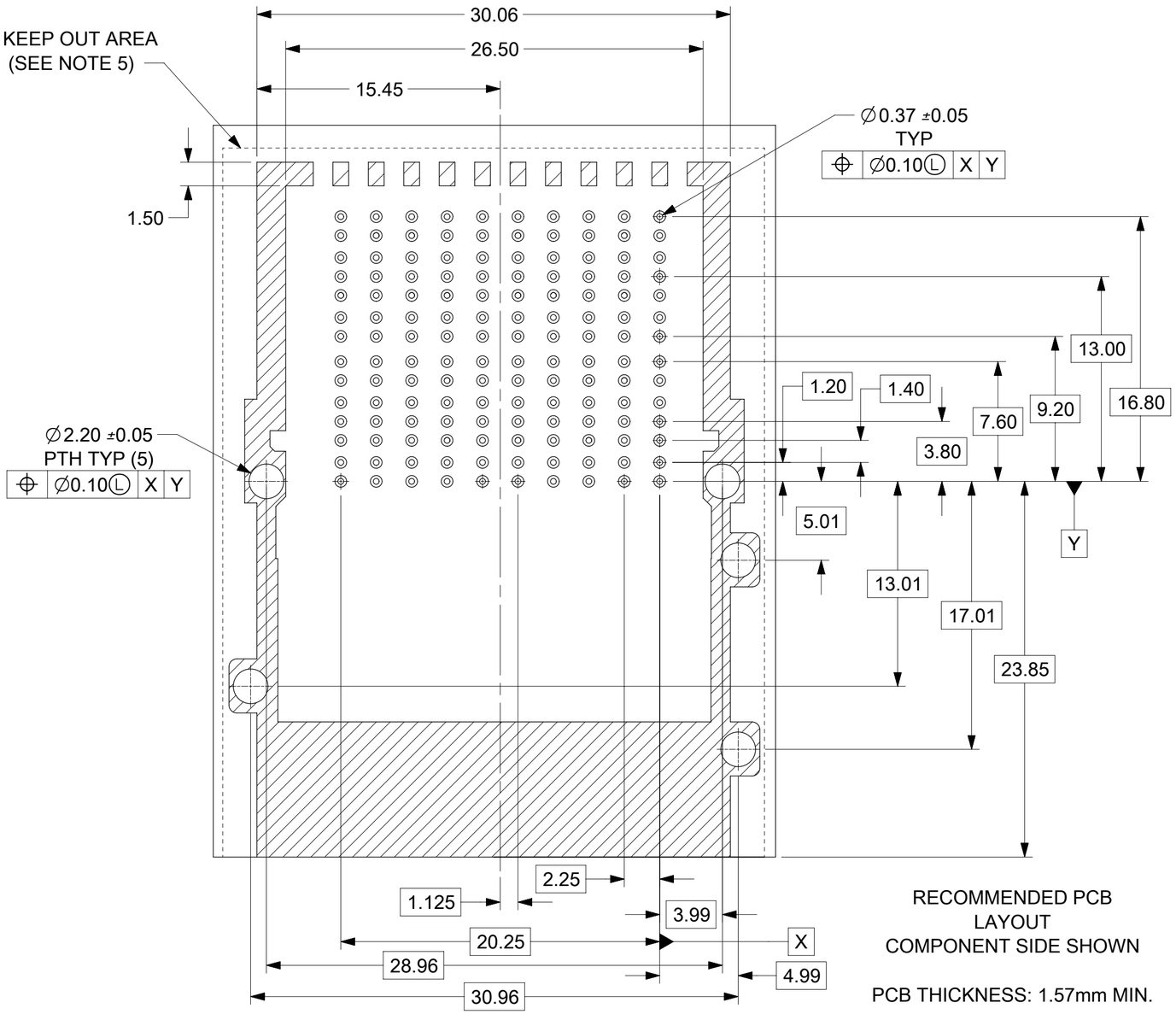
ABOVE AND BELOW
SIGNAL LAYERS



Partial 2
SCALE 4:1



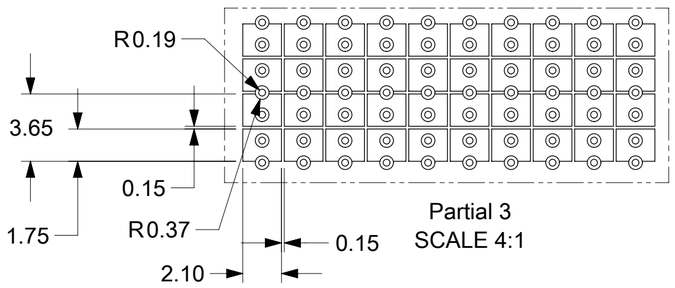
Partial 1
SCALE 8:1



RECOMMENDED PCB
LAYOUT
COMPONENT SIDE SHOWN

PCB THICKNESS: 1.57mm MIN.

TOP AND BOTTOM EMI LAYER
AND ALL OTHER LAYERS WITHIN BOARD



Partial 3
SCALE 4:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS	DIMENSION UNITS	SCALE
FA = 0	mm	
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
FB = 0	ANGULAR TOL	± 0.5 °
S = 0	4 PLACES	±
= 0	3 PLACES	±
C = 0	2 PLACES	± 0.25
= 0	1 PLACE	±
= 0	0 PLACES	±
V = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 647299
DRWN: TTAO03 2020/09/02
CHK'D: WZHAO21 2020/10/28
APPR: WZHAO21 2020/10/28

INITIAL REVISION:
DRWN: MHANUMAPPARE 2016/11/29
APPR: SMILLER 2017/02/14

molex

ZCD 90 OHM 16X
STYLE 1 ASSEMBLY

PRODUCT CUSTOMER DRAWING

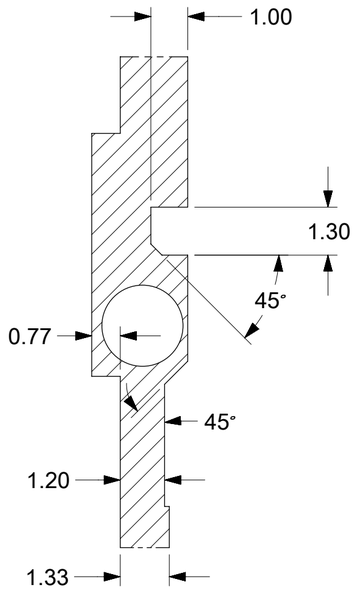
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SD-173359-0001	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	173359	SEE TABLE	GENERAL MARKET	3 OF 5

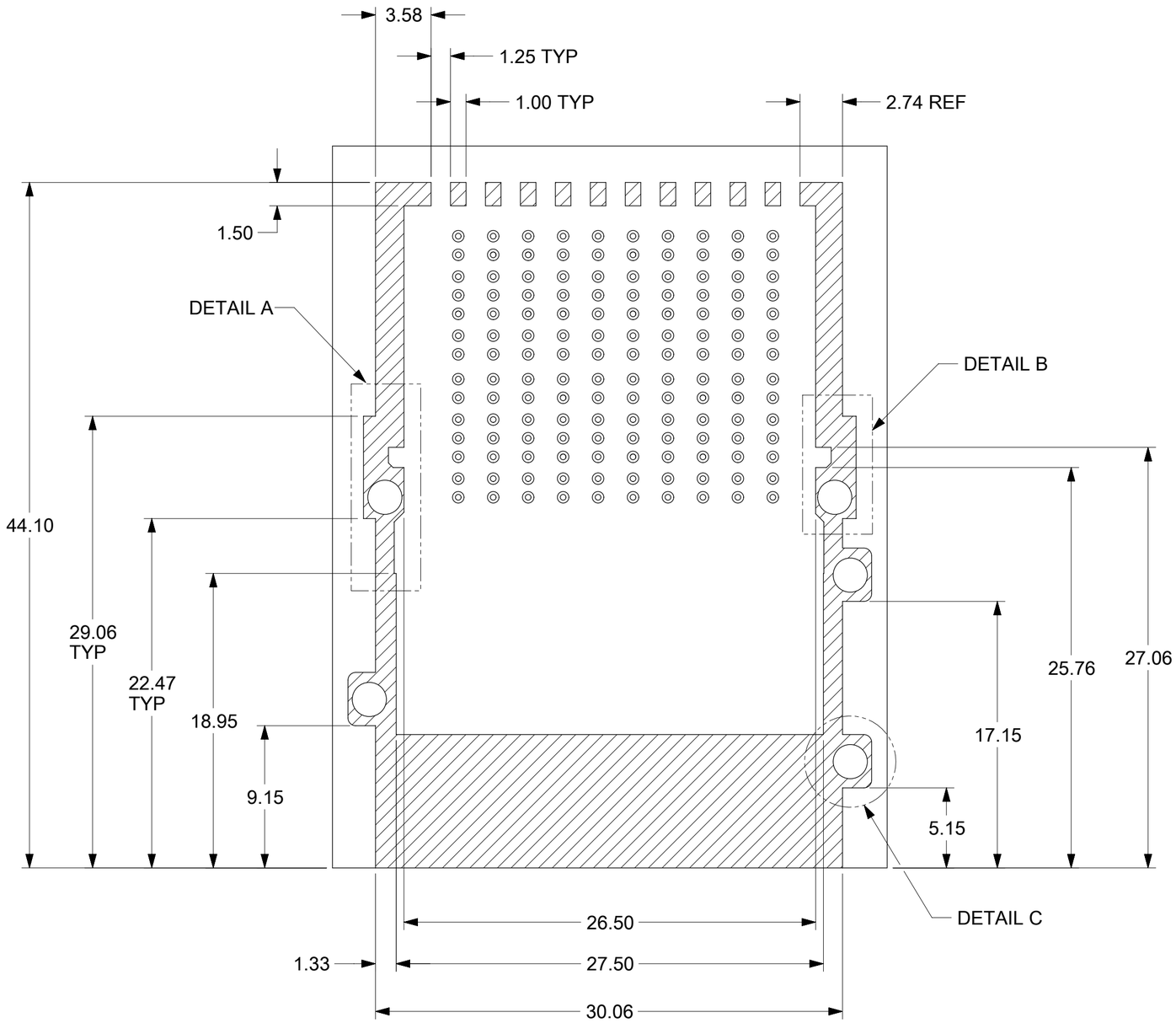
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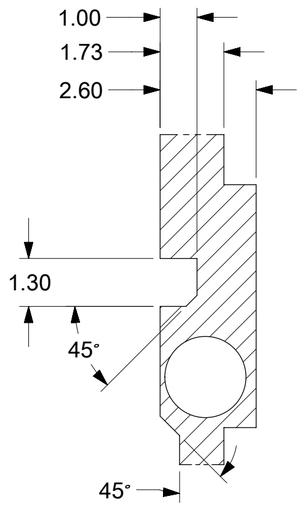
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06

KEEP OUT AREAS

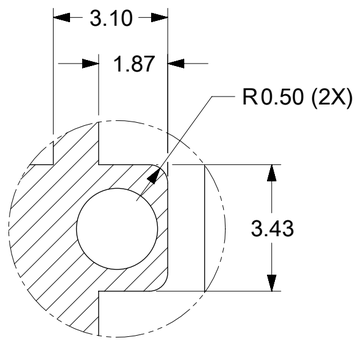


DETAIL A
SCALE 8:1





DETAIL B
SCALE 8:1



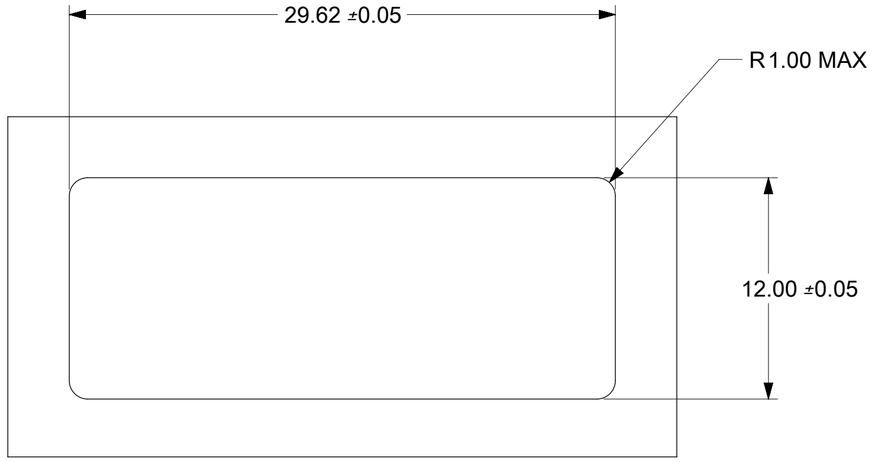
DETAIL C
SCALE 8:1
(3 PLACES)

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
FA = 0	DIMENSION UNITS: mm	SCALE	CURRENT REV DESC:	molex	
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			ZCD 90 OHM 16X STYLE 1 ASSEMBLY	
FD = 0	ANGULAR TOL ± 0.5 °		EC NO: 647299		
S = 0	4 PLACES ±		DRWN: TTAO03 2020/09/02		
▼ = 0	3 PLACES ±		CHK'D: WZHAO21 2020/10/28		
C = 0	2 PLACES ± 0.25		APPR: WZHAO21 2020/10/28	PRODUCT CUSTOMER DRAWING	
☒ = 0	1 PLACE ±		INITIAL REVISION:	DOCUMENT NUMBER: SD-173359-0001	DOC TYPE: PSD / DOC PART: 000 / REVISION: B
■ = 0	0 PLACES ±		DRWN: MHANUMAPPARE 2016/11/29		
V = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMILLER 2017/02/14		
	THIRD ANGLE PROJECTION	DRAWING: C-SIZE	SERIES: 173359	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET / SHEET NUMBER: 4 OF 5

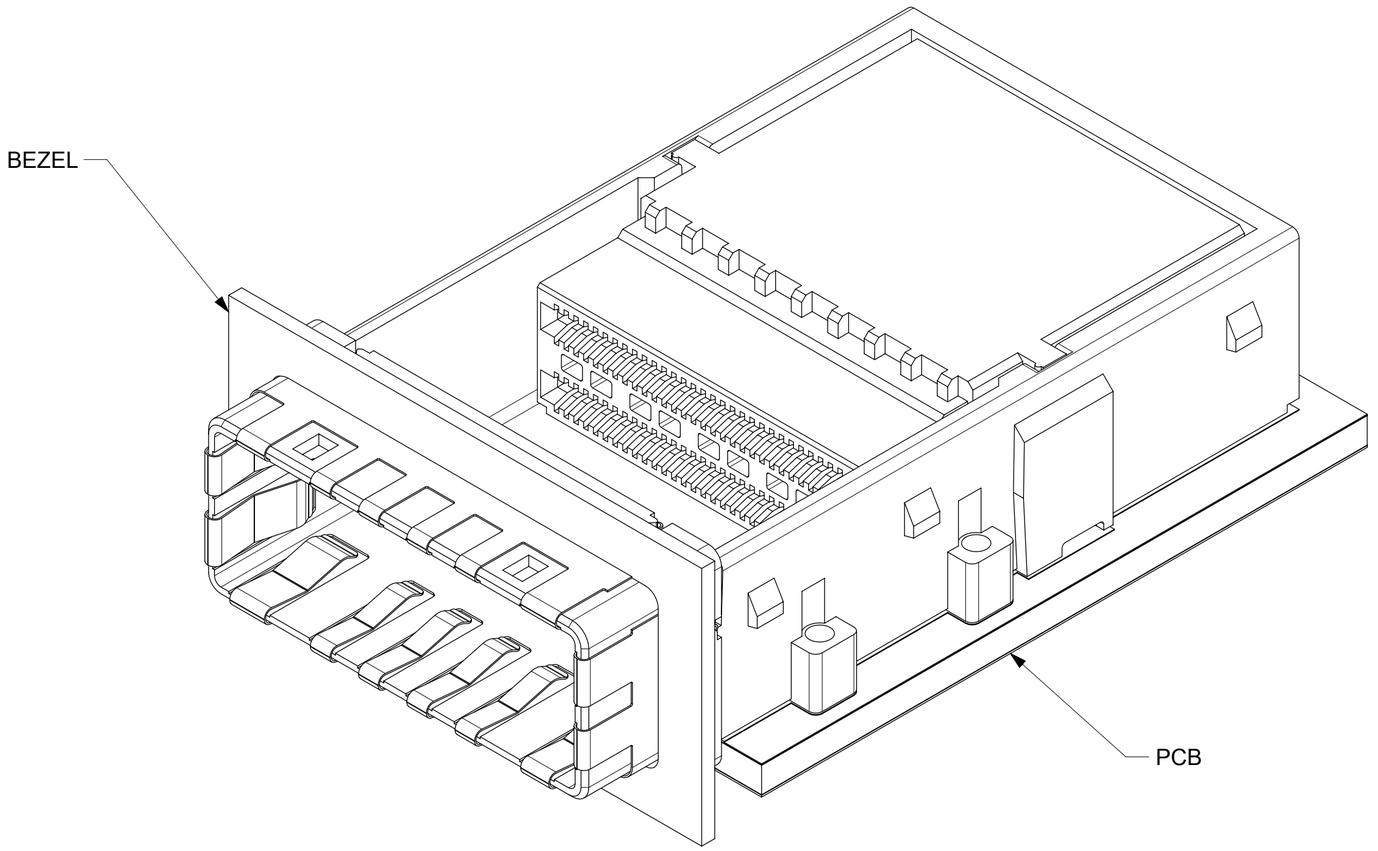
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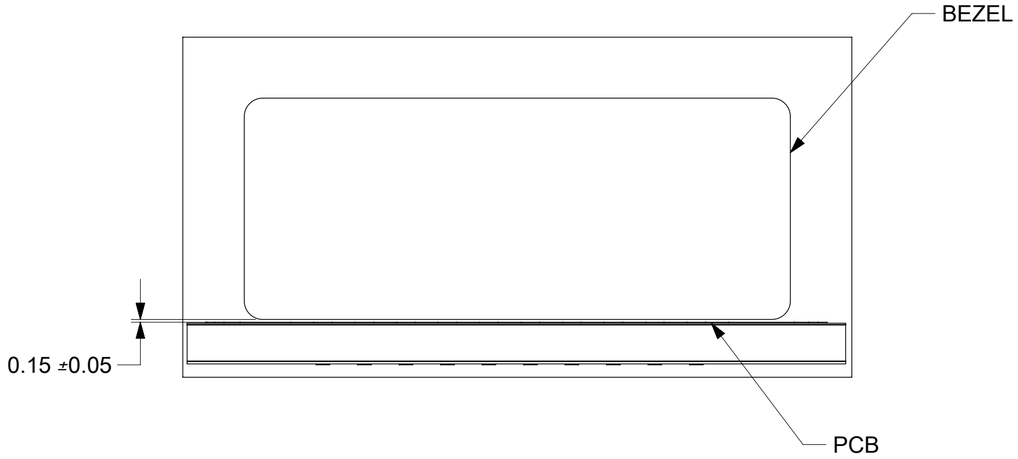
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REVISION: H
DATE: 2017/10/06

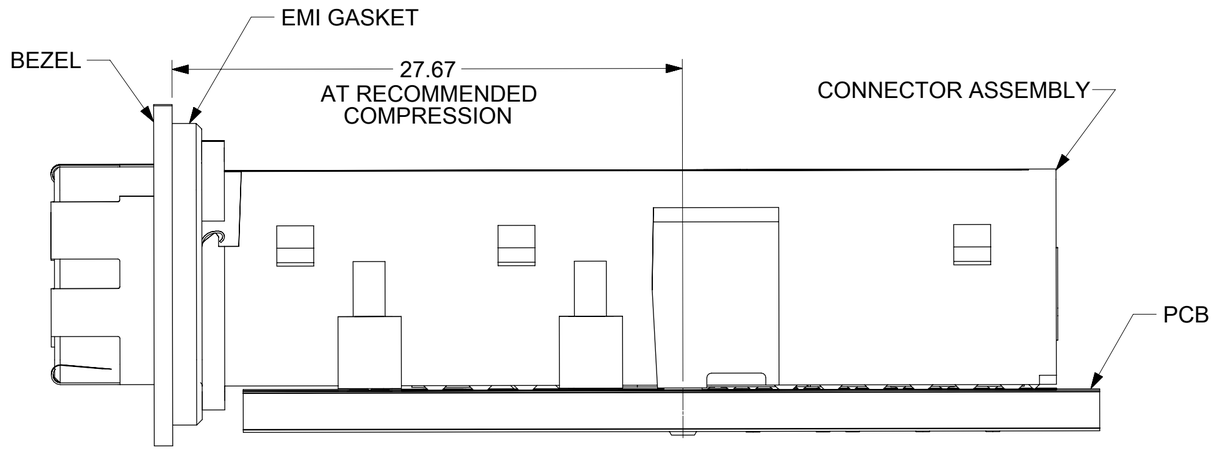
PANEL MOUNT CONFIGURATION



BEZEL CUT-OUT
(NOT SUPPLIED)







ASSEMBLIED VIEW

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/28 04:29:08

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SYMBOLS	
FA = 0	
FC = 0	
FP = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
V = 0	
DIMENSION UNITS	mm
SCALE	
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 647299
DRWN: TTAO03 2020/09/02
CHK'D: WZHAO21 2020/10/28
APPR: WZHAO21 2020/10/28

INITIAL REVISION:
DRWN: MHANUMAPPARE 2016/11/29
APPR: SMILLER 2017/02/14

molex

ZCD 90 OHM 16X
STYLE 1 ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-173359-0001	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	173359	SEE TABLE	GENERAL MARKET	5 OF 5

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06