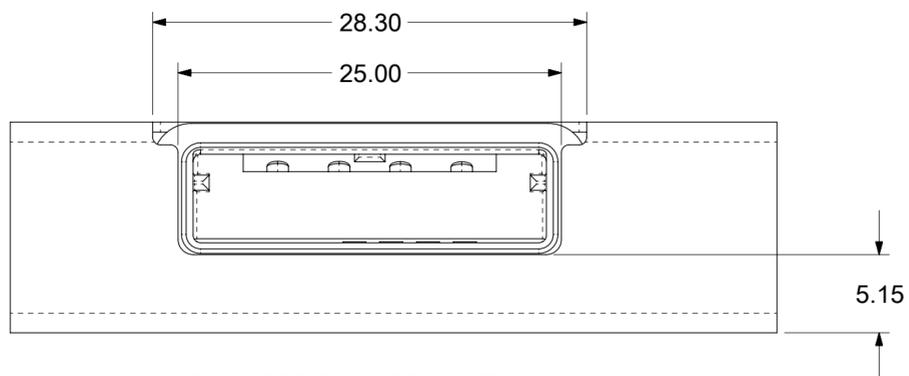
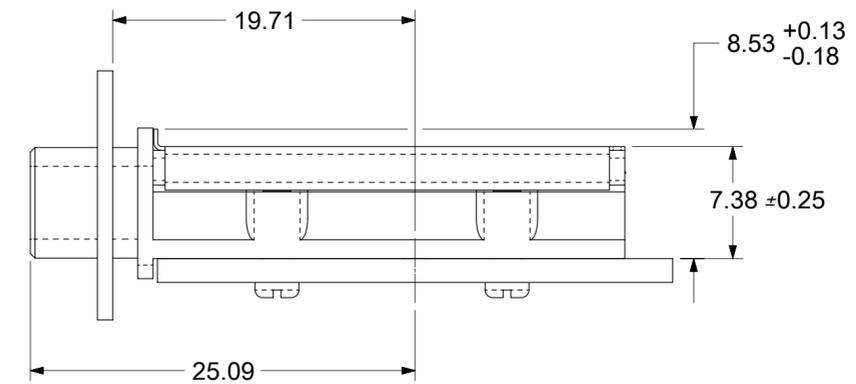
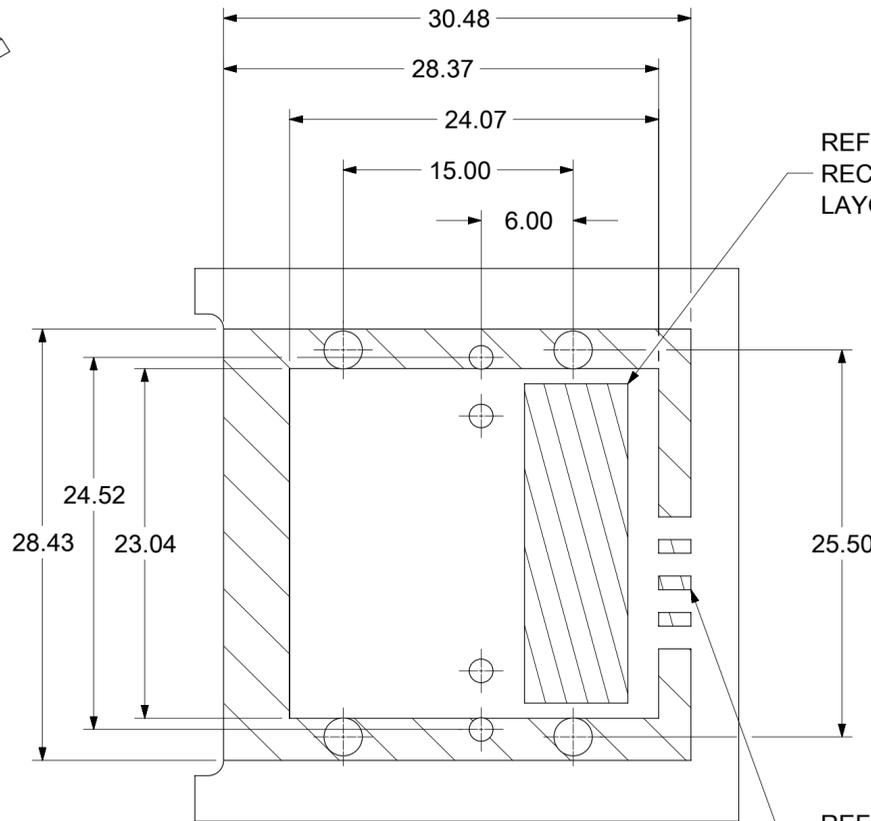
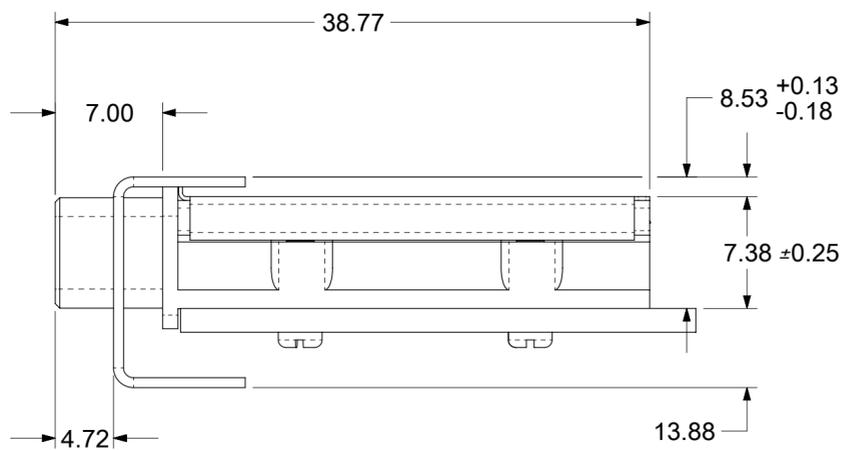
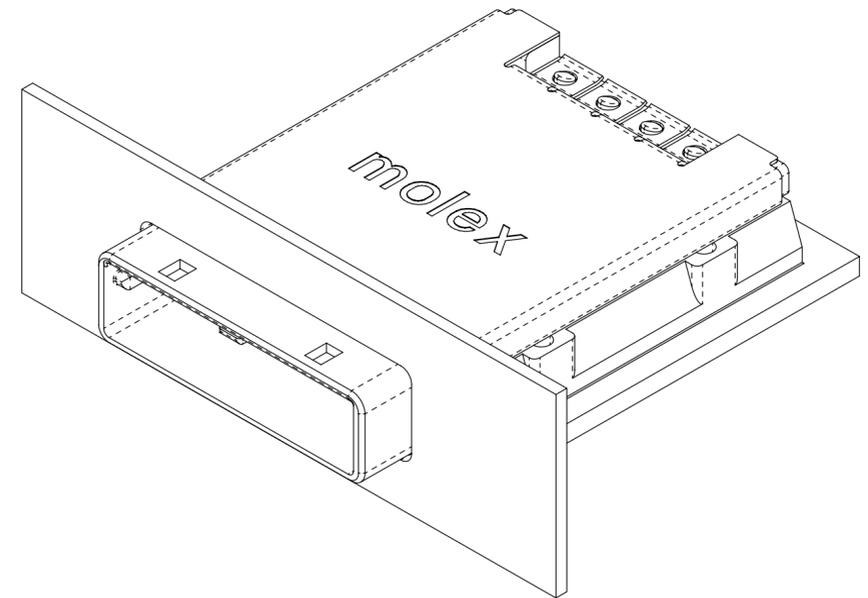
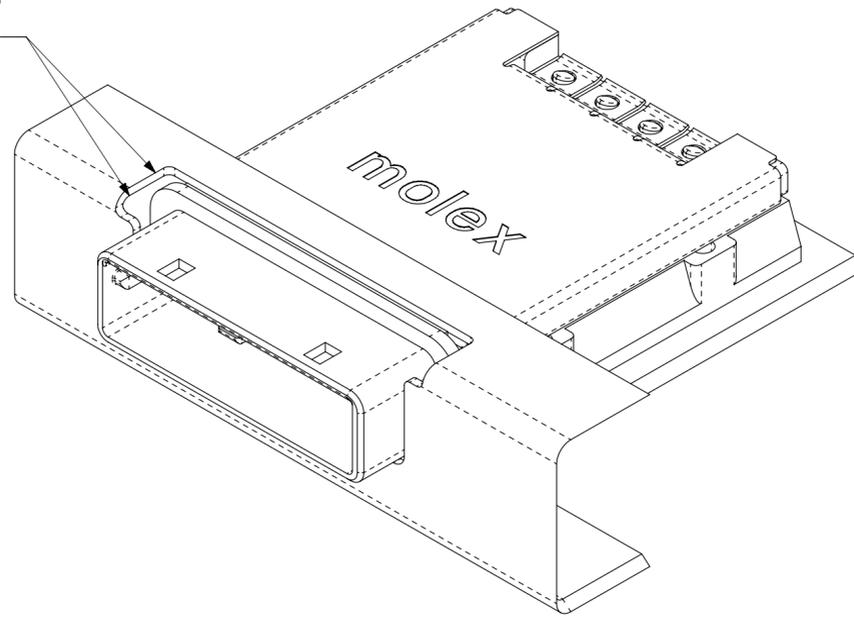


- NOTES:
- REF. PCI EXPRESS CARD ELECTROMECHANICAL SPECIFICATION, REV 1.0a FOR IO BRACKET WINDOW LOCATION.
 - PCB AND IO BRACKET SHOWN FOR REFERENCE ONLY.
 - REFER TO SHEET 2 FOR ATCA GUIDE HOUSING ASSEMBLY.
 - GUIDE HOUSING MOUNTING THREAD=M2 X 0.4, SEE SHEET 3 FOR SCREW LENGTH + TORQUE.
 - PCB NOTCH IS SHOWN FOR PCI COMPLIANT BOARD.
 - NO RoHS EXEMPTIONS
 - PLATE GROUND PAD WITH EMERSION SILVER OR GOLD.
 - MATES WITH MOLEX 4X CABLE SERIES 74546-040X.
 - GUIDE HOUSING PEGS FOR ALIGNMENT ONLY, DO NOT SOLDER.

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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: OBSOLETE PART NO				molex	
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625872				IPASS X4 EMI GUIDE HOUSING ASSEMBLY W/ KEY	
ANGULAR TOL ± 0.5°				DRWN: AKUMAR19 2019/06/18					
4 PLACES ±				CHK'D: GB 2019/11/06				PRODUCT CUSTOMER DRAWING	
3 PLACES ±				APPR: GGA 2019/11/12					
2 PLACES ± 0.05				INITIAL REVISION:				DOCUMENT NUMBER 745400401	
1 PLACE ± 0.1				DRWN: PMAHADEVAPPA 2018/12/17					
0 PLACES ±				APPR: RCHEN08 2019/01/15				DOC TYPE DOC PART REVISION PSD ASY J1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
		C-SIZE		74540		SEE P/N TABLE		1 OF 4	

GASKETS NOT SHOWN FOR CLARITY



ADVANCED TCA APPLICATION SHOWN USING 0 DEGREE GUIDE HOUSING ASSEMBLY

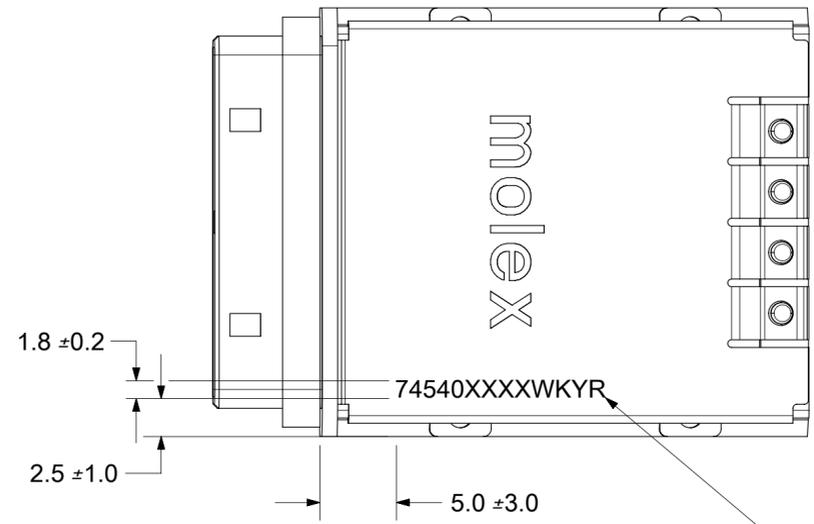
STANDARD APPLICATION SHOWN USING 0 DEGREE GUIDE HOUSING ASSEMBLY

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO					
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625872					
ANGULAR TOL $\pm 0.5^\circ$				DRWN: AKUMAR19		2019/06/18			
4 PLACES \pm				CHK'D: GB		2019/11/06			
3 PLACES \pm				APPR: GGA		2019/11/12			
2 PLACES ± 0.05				INITIAL REVISION:					
1 PLACE ± 0.1				DRWN: PMAHADEVAPPA		2018/12/17			
0 PLACES \pm				APPR: RCHEN08		2019/01/15			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						C-SIZE		74540	
DOCUMENT STATUS		P1		RELEASE DATE		2019/11/12		07:19:35	
DOCUMENT NUMBER		745400401		DOC TYPE		PSD		DOC PART	
CUSTOMER		SEE P/N TABLE		DOC PART		ASY		REVISION	
SHEET NUMBER		2 OF 4		DOC PART		J1			

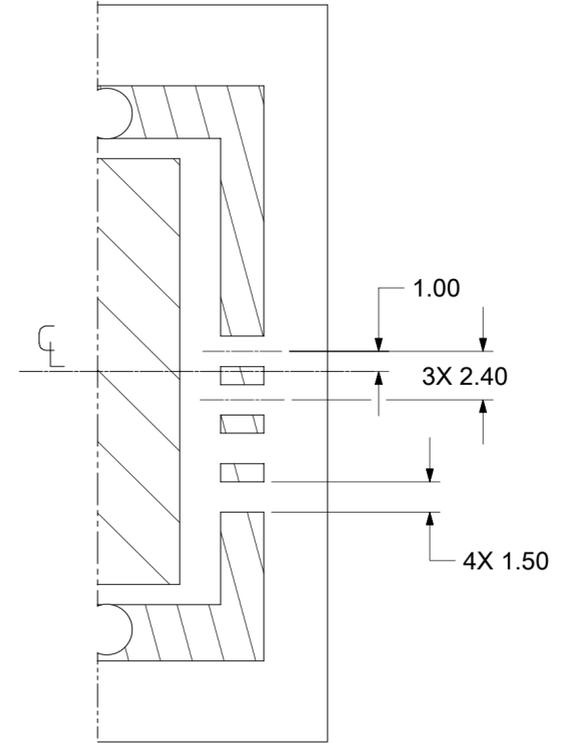
P/N	DESCRIPTION	GEN	ELASTOMERIC GASKET FLAMMABILITY RATING
745400401	4X EMI GUIDE HOUSING ASSEMBLY - PCIE / 1 DEG	GEN1	
745400501	4X EMI GUIDE HOUSING ASSEMBLY - ATCA / 0 DEG	GEN1	

PCB THICKNESS	SCREW LENGTH	TORQUE(IN LBS)
1.6	5MM	2.3
2.38	6MM	2.3
3.2	6MM	2.3
X	+4MM MAX	2.3



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON TOP OF COVER APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

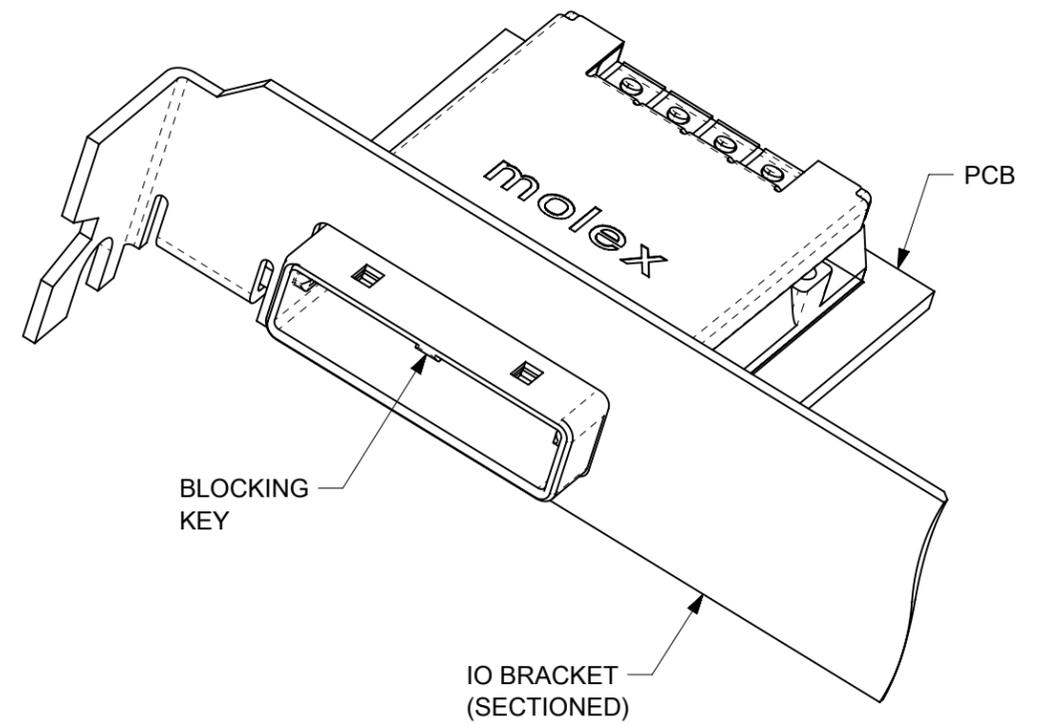
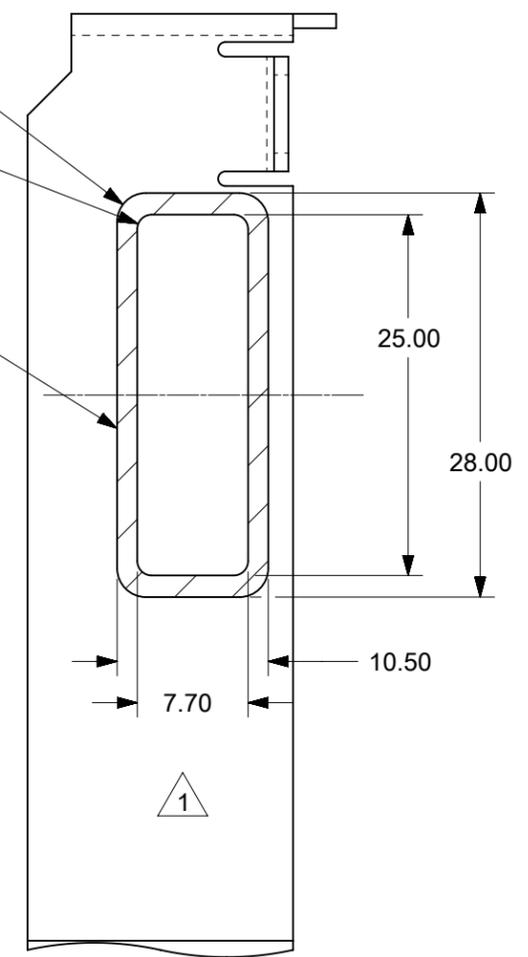
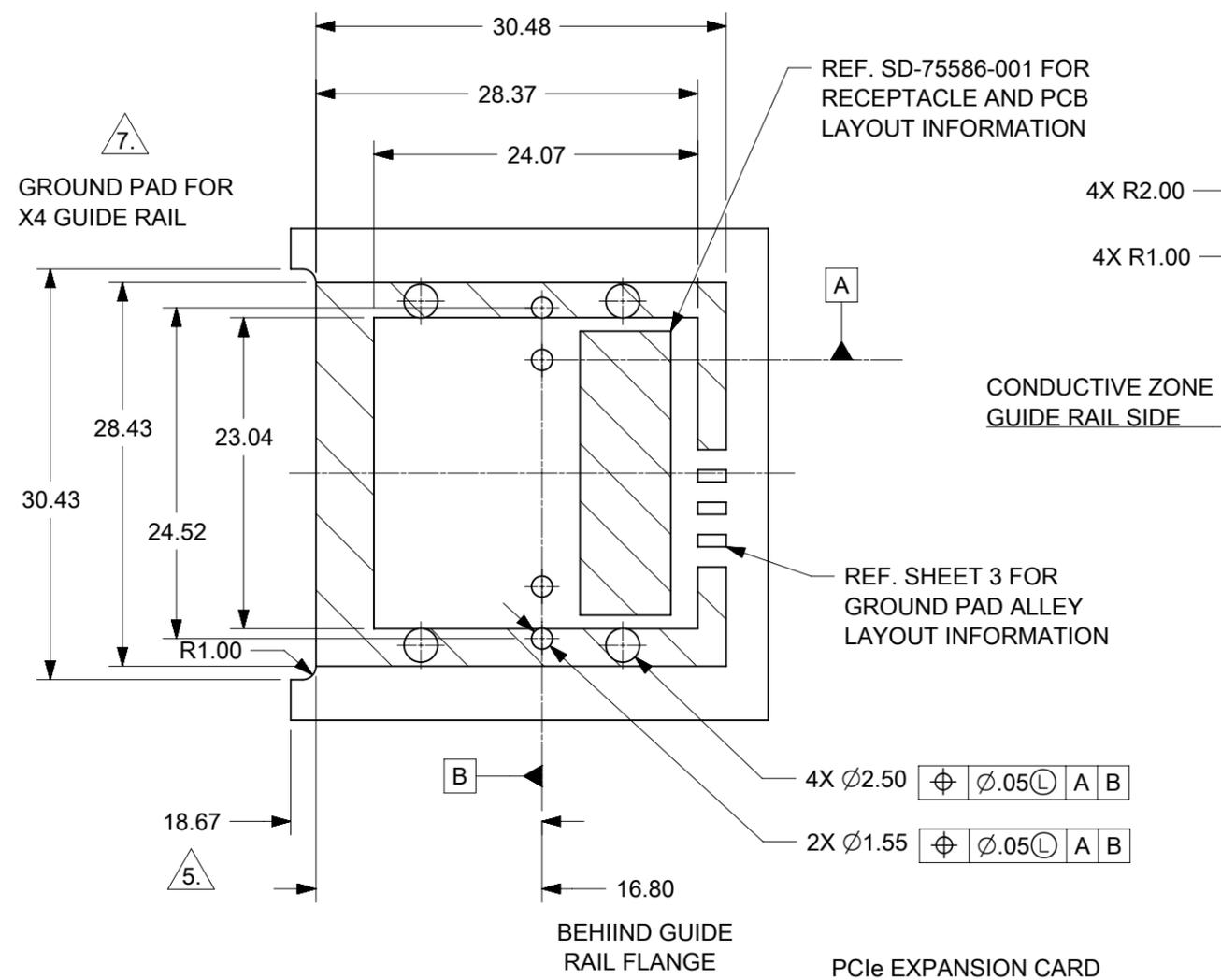
WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR)
YR	19, 20, 21,, ETC.. (EXAMPLE: YEAR 2019= 19)



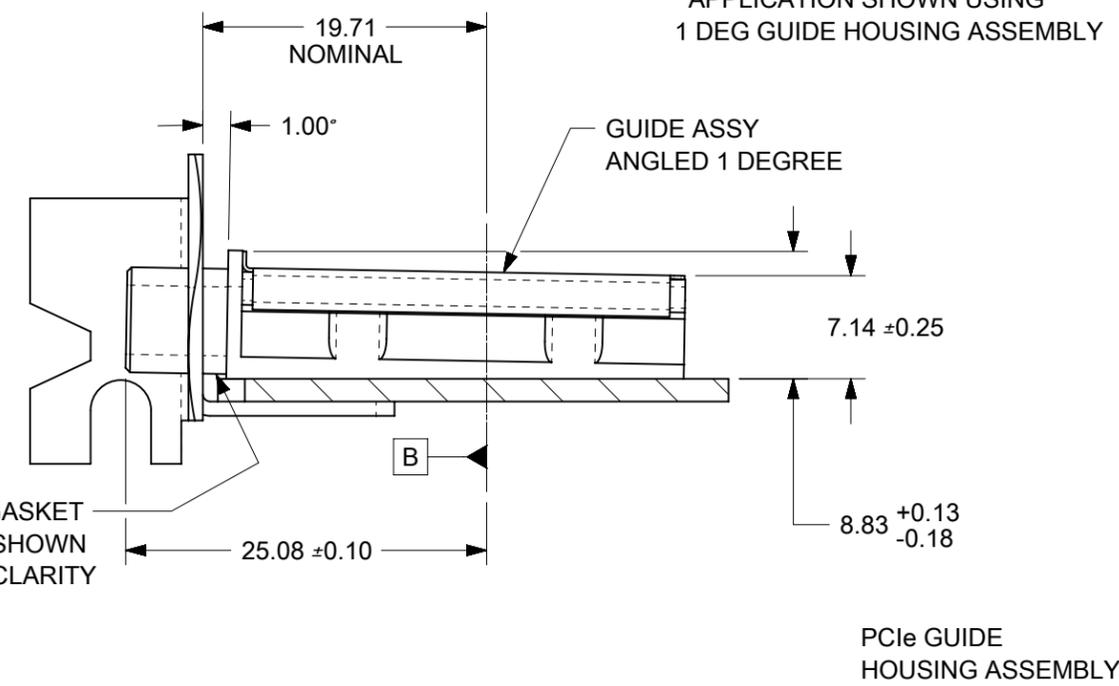
PARTIAL1
SCALE 4:1
GROUND PAD ALLEY
LAYOUT INFORMATION



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: OBSOLETE PART NO				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 625872		DRWN: AKUMAR19 2019/06/18		IPASS X4 EMI GUIDE HOUSING ASSEMBLY W/ KEY			
ANGULAR TOL ± 0.5°		4 PLACES ±		CHK'D: GB 2019/11/06		PRODUCT CUSTOMER DRAWING			
2 PLACES ± 0.05		INITIAL REVISION:		APPR: GGA 2019/11/12		DOCUMENT NUMBER			
1 PLACE ± 0.1		DRWN: PMAHADEVAPPA 2018/12/17		APPR: RCHEN08 2019/01/15		745400401			
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING SERIES			
C-SIZE		74540		MATERIAL NUMBER		CUSTOMER			
SEE P/N TABLE		SHEET NUMBER		PSD		ASY			
3 OF 4		J1							



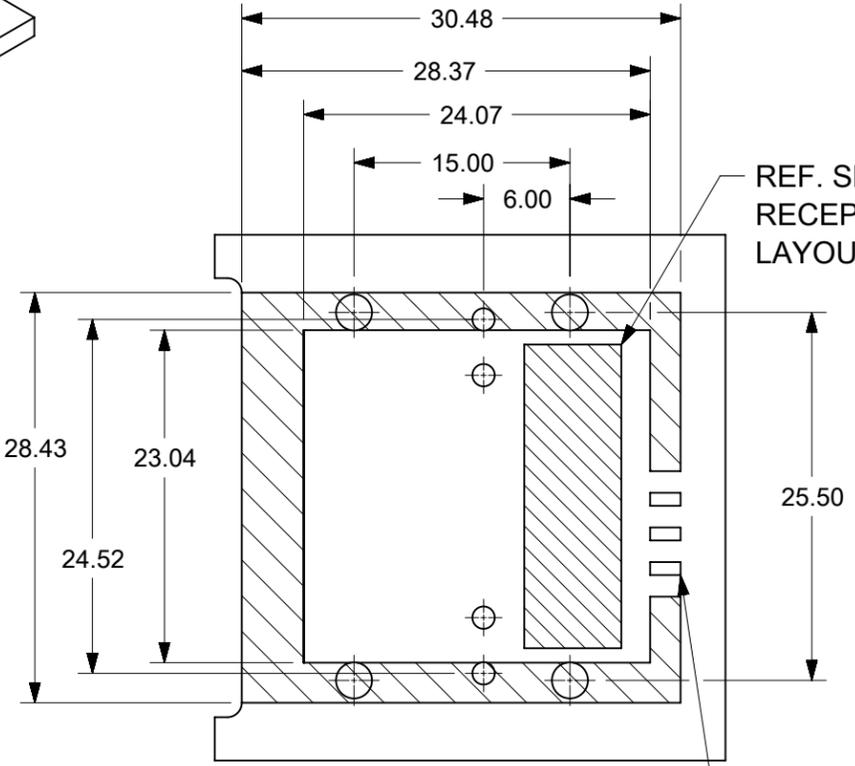
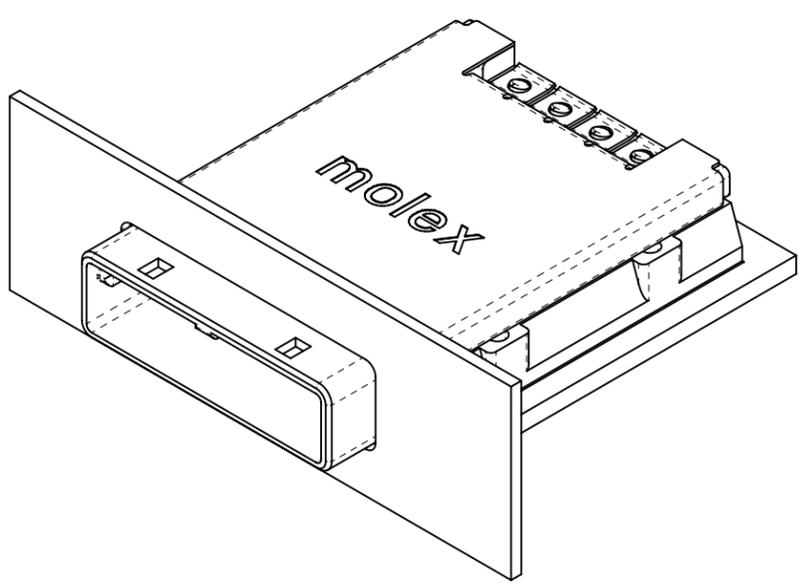
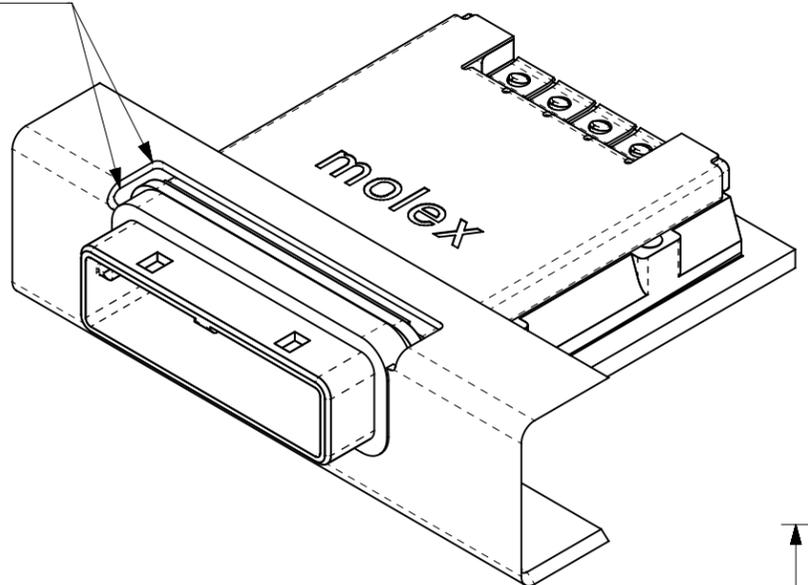
- NOTES:
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 2. PCB AND IO BRACKET SHOWN FOR REFERENCE ONLY.
 3. REFER TO SHEET 2 FOR ATCA GUIDE HOUSING ASSEMBLY.
 4. GUIDE HOUSING MOUNTING THREAD= M2 X 0.4, SEE SHEET 3 FOR SCREW LENGTH + TORQUE.
 5. PCB NOTCH IS SHOWN FOR PCI COMPLIANT BOARD.
 6. NO RoHS EXEMPTIONS
 7. PLATE GROUND PAD WITH EMERSION SILVER OR GOLD.
 8. MATES WITH MOLEX 4X CABLE SERIES 74546-040X.
 9. GUIDE HOUSING PEGS FOR ALIGNMENT ONLY, DO NOT SOLDER.



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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO																																																							
MM		2:1		<table border="0"> <tr> <td>EC NO: 625872</td> <td>2019/09/26</td> <td colspan="2" rowspan="2">molex</td> </tr> <tr> <td>DRWN: AKUMAR19</td> <td>2019/11/06</td> <td colspan="2">IPASS X4 EMI GUIDE HOUSING ASSEMBLY W/ KEY</td> </tr> <tr> <td>3 PLACES ±</td> <td>±</td> <td colspan="2">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td>2 PLACES ± 0.05</td> <td>±</td> <td colspan="2">DOCUMENT NUMBER</td> </tr> <tr> <td>1 PLACE ± 0.1</td> <td>±</td> <td colspan="2">SD-74540-401</td> </tr> <tr> <td>0 PLACES ±</td> <td>±</td> <td colspan="2">DOC TYPE</td> </tr> <tr> <td colspan="2">ANGULAR TOL ± 0.5°</td> <td colspan="2">THIRD ANGLE PROJECTION</td> <td colspan="2">DRAWING</td> <td colspan="2">SERIES</td> <td colspan="2">MATERIAL NUMBER</td> <td colspan="2">CUSTOMER</td> </tr> <tr> <td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td> <td colspan="2">B-SIZE</td> <td colspan="2">74540</td> <td colspan="2">SEE P/N TABLE</td> <td colspan="2">GENERAL MARKET</td> <td colspan="2">SHEET NUMBER</td> </tr> </table>								EC NO: 625872	2019/09/26	molex		DRWN: AKUMAR19	2019/11/06	IPASS X4 EMI GUIDE HOUSING ASSEMBLY W/ KEY		3 PLACES ±	±	PRODUCT CUSTOMER DRAWING		2 PLACES ± 0.05	±	DOCUMENT NUMBER		1 PLACE ± 0.1	±	SD-74540-401		0 PLACES ±	±	DOC TYPE		ANGULAR TOL ± 0.5°		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		B-SIZE		74540		SEE P/N TABLE		GENERAL MARKET		SHEET NUMBER	
EC NO: 625872	2019/09/26	molex																																																									
DRWN: AKUMAR19	2019/11/06											IPASS X4 EMI GUIDE HOUSING ASSEMBLY W/ KEY																																															
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ANGULAR TOL ± 0.5°		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER																																																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		B-SIZE		74540		SEE P/N TABLE		GENERAL MARKET		SHEET NUMBER																																																	
GENERAL TOLERANCES (UNLESS SPECIFIED)				APPR: GGA		2019/11/12		PSD		001																																																	
INITIAL REVISION:				APPR: DDOYE		2006/05/25		J1																																																			
DRWN: SNAVARRO																																																											
APPR: DDOYE																																																											

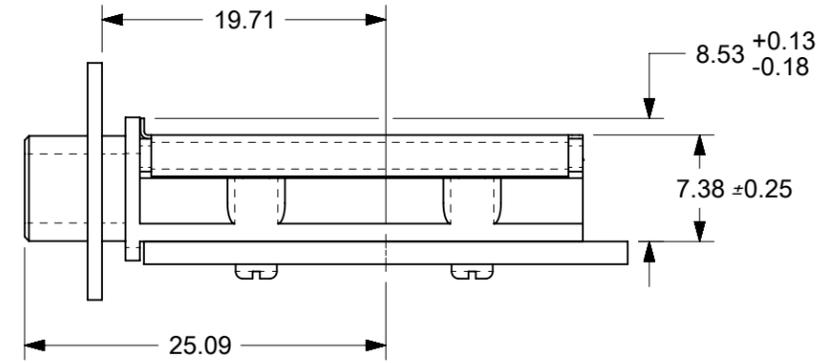
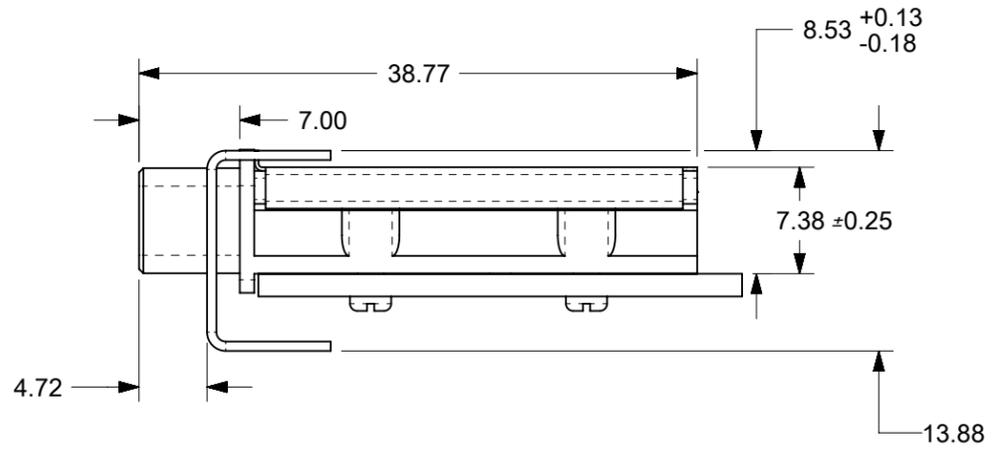
GASKETS NOT SHOWN FOR CLARITY



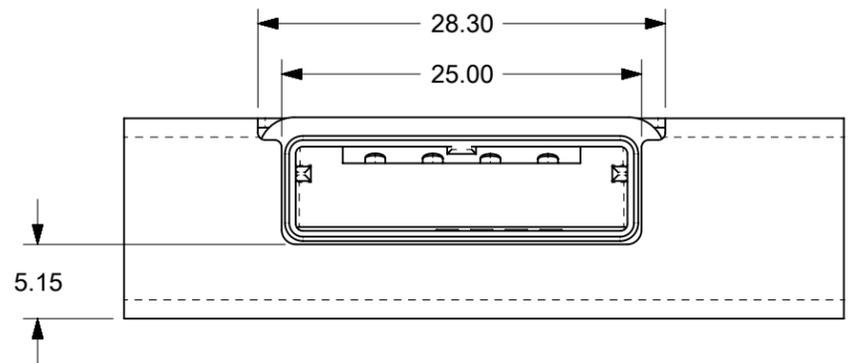
REF. SD-75586-001 FOR RECEPTACLE AND PCB LAYOUT INFORMATION

REF. SHEET 3 FOR GROUND PAD ALLEY LAYOUT INFORMATION

7.



STANDARD APPLICATION SHOWN USING 0 DEGREE GUIDE HOUSING ASSEMBLY



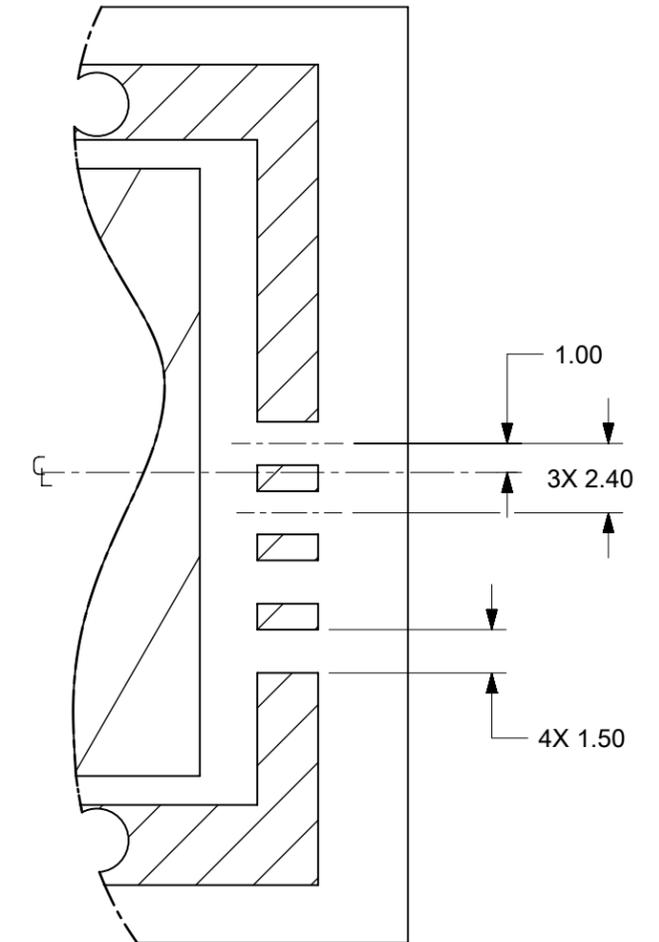
ADVANCED TCA APPLICATION SHOWN USING 0 DEGREE GUIDE HOUSING ASSEMBLY

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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO							
MM		2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
		MM	INCH								
4 PLACES ±				EC NO: 625872							
3 PLACES ±				DRWN: AKUMAR19 2019/09/26							
2 PLACES ±		0.05		CHK'D: GB 2019/11/06							
1 PLACE ±		0.1		APPR: GGA 2019/11/12							
0 PLACES ±				INITIAL REVISION:							
ANGULAR TOL ±		0.5°		DRWN: SNAVARRO 2006/05/26							
				APPR: DDOYE 2006/05/25							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				B-SIZE		74540		SD-74540-401		DOC TYPE DOC PART REVISION	
								PSD 001 J1			
								MATERIAL NUMBER		SHEET NUMBER	
								SEE P/N TABLE		2 OF 4	
								CUSTOMER			
								GENERAL MARKET			

P/N	DESCRIPTION	GEN	ELASTOMERIC GASKET FLAMMABILITY RATING
745400401	4X EMI GUIDE HOUSING ASSEMBLY - PCIE / 1 DEG	GEN1	
745400501	4X EMI GUIDE HOUSING ASSEMBLY - ATCA / 0 DEG	GEN1	

PCB THICKNESS	SCREW LENGTH	TORQUE (IN LBS)
1.6	5MM	2.3
2.38	6MM	2.3
3.2	6MM	2.3
X	+4MM MAX	2.3



PARTIAL 1
SCALE 4:1
GROUND PAD ALLEY
LAYOUT INFORMATION



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DIMENSION UNITS MM		SCALE 1:1		CURRENT REV DESC: OBSOLETE PART NO					
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex IPASS X4 EMI GUIDE HOUSING ASSEMBLY W/ KEY PRODUCT CUSTOMER DRAWING					
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	±							
2 PLACES	± 0.05	±							
1 PLACE	± 0.1	±		EC NO: 625872		DRWN: AKUMAR19		2019/09/26	
0 PLACES	±	±		CHK'D: GB		2019/11/06			
ANGULAR TOL		± 0.5°		APPR: GGA		2019/11/12			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
DOCUMENT STATUS		P1		RELEASE DATE		2019/11/12		07:19:24	
B-SIZE		74540		SEE P/N TABLE		GENERAL MARKET		3 OF 4	

