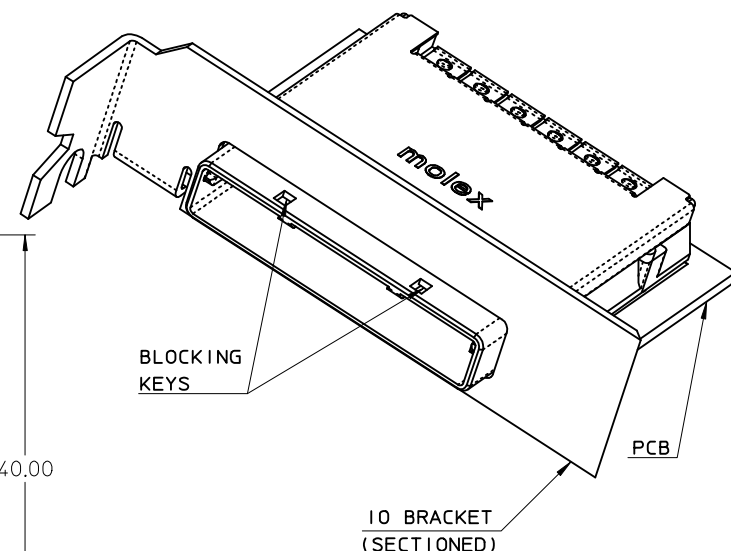
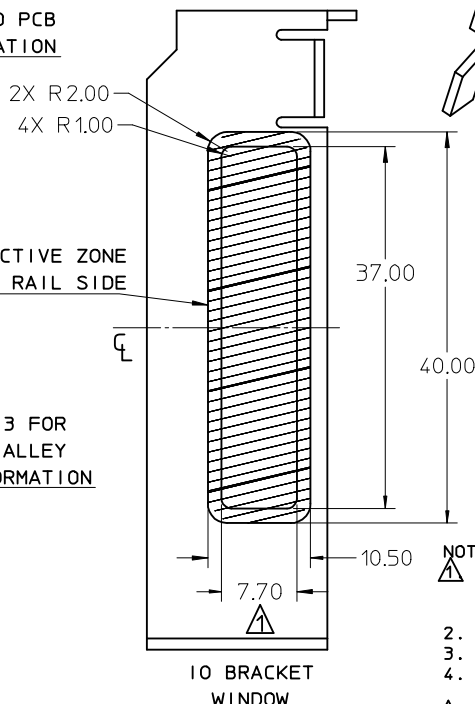
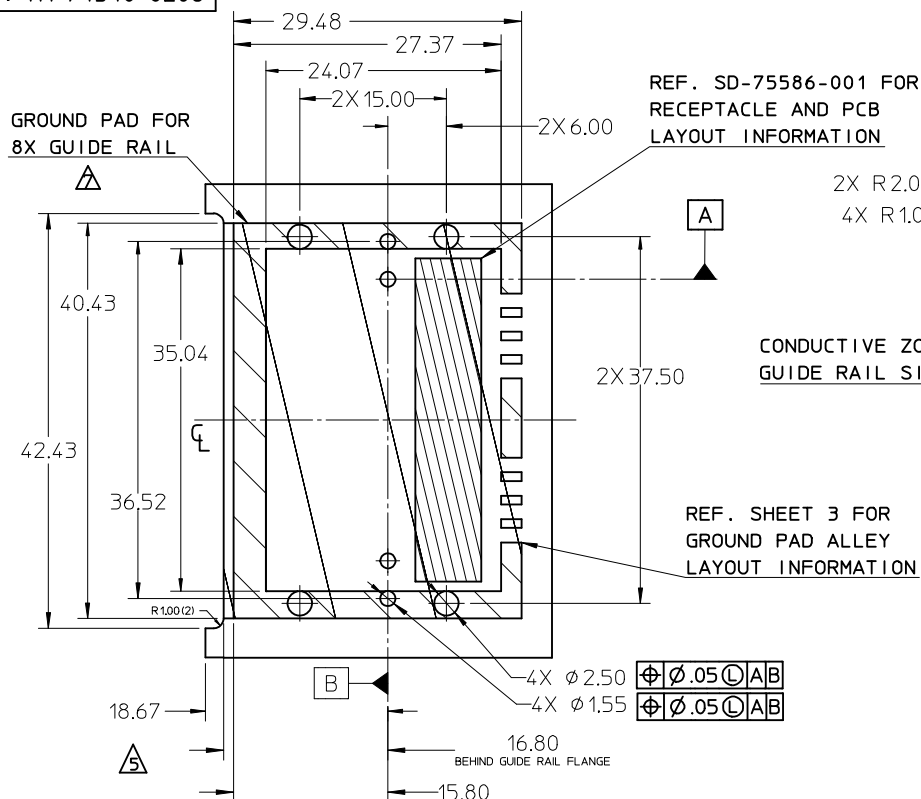


MM : TM-74540-0206



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 ASSY.
- GUIDE HOUSING MOUNTING THREAD= M2 X 0.4, SEE SHEET 3 FOR SCREW LENGTH + TORQUE SPEC.
- PCB NOTCH IS SHOWN FOR PCI COMPLIANT BOARD.
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC).
- PLATE GROUND PAD WITH EMERSION SILVER OR GOLD.
- MATES WITH MOLEX 8X CABLE SERIES 74546-080X.
- GUIDE HOUSING PEGS FOR ALIGNMENT ONLY, DO NOT SOLDER.
- MATERIAL: NI PLATED ZINC DIECAST.

iPass™ is a trademark of Molex

EMI GASKET
NOT SHOWN
FOR CLARITYPCIe GUIDE
HOUSING ASSEMBLY

SEE REVISION TABLE			
EC NO: CPG2015-0143	DRW:WANG07	2014/07/11	2014/07/14
CHKD:SYANG16	APPR:RCHEN08	2014/07/18	
REV	DESCRIPTION		

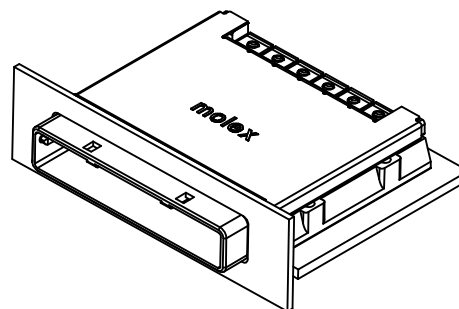
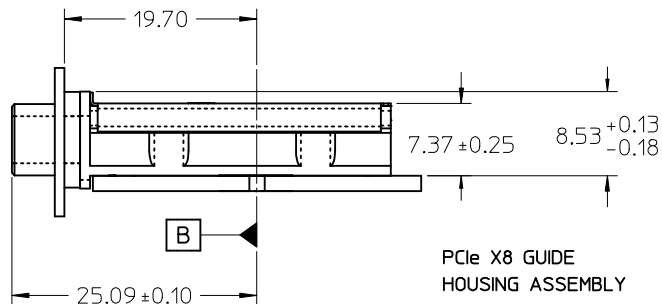
QUALITY SYMBOLS
$\nabla = 0$
$\nabla = 0$
$\nabla = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± 0.05
3 PLACES	± 0.10
2 PLACES	± 0.15
1 PLACE	± 0.20
0 PLACE	± 0.25
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
JERWIN	2006/05/25
CHECKED BY	DATE
BREED	2006/05/25
APPROVED BY	DATE
DDOYE	2006/05/25
MATERIAL NO.	
SEE P/N TABLE	
SIZE	
B	

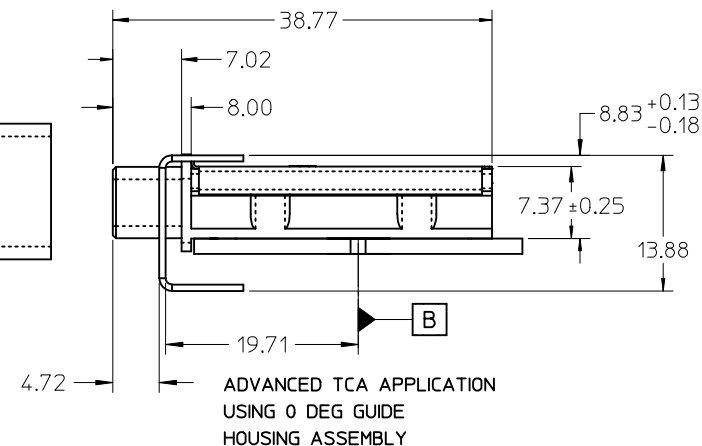
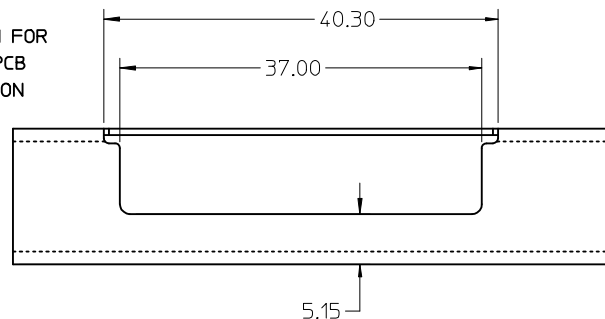
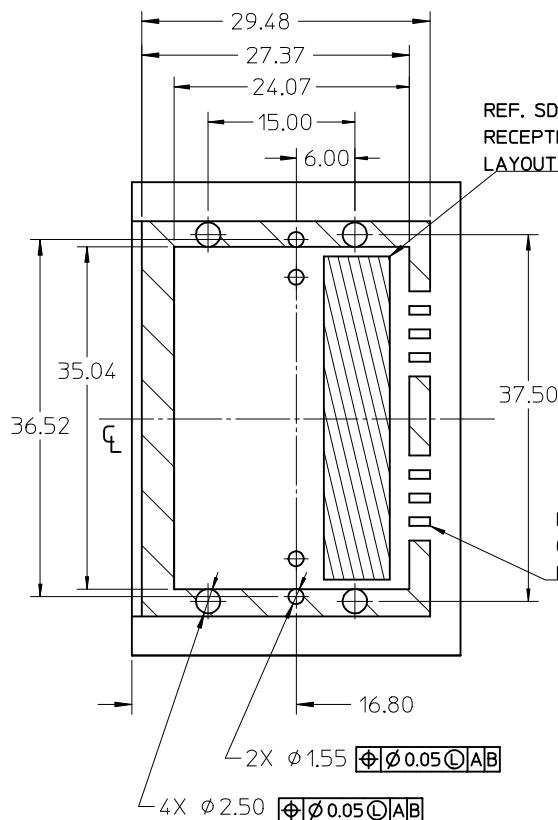
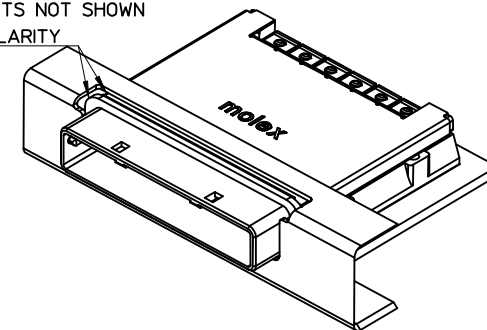
SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE I-PASS X8 EMI GUIDE HOUSING ASSEMBLY W/ KEYS		
molex		
DOCUMENT NO. SD-74540-101		SHEET NO. 1 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

10 9 8 7 6 5 4 3 2 1



STANDARD APPLICATION SHOWN
USING 0 DEG GUIDE HOUSING ASSEMBLY

GASKETS NOT SHOWN
FOR CLARITY

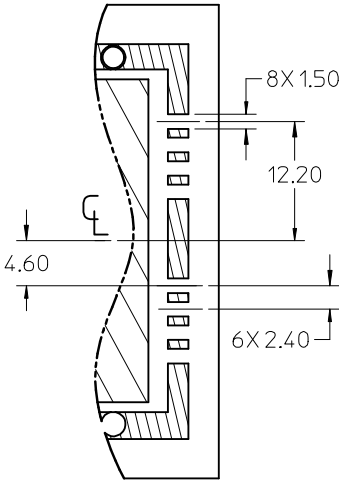


iPass™ is a trademark of Molex

SEE REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: CPG2015-0143		DRAWN BY: 2014/07/11		mm		MM ONLY		2:1		METRIC		THIRD ANGLE PROJECTION	
CHKD:SYANG16		2014/07/14		INCH		DRAWN BY: DATE		JERWIN		2006/05/25		TITLE	
APPR:RCHEN08		2014/07/28		4 PLACES ± --- ± ---		CHECKED BY: DATE		BREED		2006/05/25		I-PASS X8 EMI GUIDE HOUSING ASSEMBLY W/ KEYS	
				3 PLACES ± --- ± ---		APPROVED BY: DATE		DDOYE		2006/05/25		molex	
				2 PLACES ± 0.05 ± ---		MATERIAL NO.		SEE P/N TABLE		DOCUMENT NO.		SD-74540-101	
				1 PLACE ± 0.10 ± ---		SIZE		B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 4	
				0 PLACE ± ±		ANGULAR ± 1/2°							
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

MOLEX P/N	DESCRIPTION	GEN
745400101	8x EMI Guide Housing Assembly - PCIe / 1 Deg	Gen 1
745400201	8x EMI Guide Housing Assembly - ATCA / 0 Deg	Gen 1

PCB THICKNESS	SCREW LENGTH	TORQUE (IN LBS)
1.6 (.063")	5MM	2.3
2.38 (.093")	6MM	2.3
3.2 (.125")	6MM	2.3
X	+4MM MAX	2.3



GROUND PAD ALLEY
LAYOUT INFORMATION



SEE REVISION TABLE EC NO: CPG2015-0143 J DRWN:EWANG07 2014/07/11 CHKD:SYANG16 2014/07/14 APPR:RCHEN08 2014/07/28	DESCRIPTION REV	QUALITY SYMBOLS F _A =0 F _G =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JERWIN	DATE 2006/05/25	TITLE I-PASS X8 EMI GUIDE HOUSING ASSEMBLY W/ KEYS molex					
			4 PLACES	± ---	± ---	CHECKED BY BREED	DATE 2006/05/25						
			3 PLACES	± ---	± ---	APPROVED BY DDOYE		DATE 2006/05/25	DOCUMENT NO. SD-74540-101 SHEET NO. 3 OF 4				
			2 PLACES	± 0.05	± ---	MATERIAL NO.							
			1 PLACE	± 0.10	± ---	SEE P/N TABLE							
			0 PLACE	±	±	SIZE B			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ±1/2°										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

F

E

D

C

B

A

F

E

D

C

B

A

10987654321

REVISION HISTORY

DATE (YEAR/MONTH/DAY)	REV	DESCRIPTION
2013/12/18	H	1. ADDED NOTES 10. MATERIAL: Ni PLATED ZINC DIECAST. [SHT 1] 2. CHANGED W/ NEW MOLEX FORMAT
2014/07/11	J	1. CHANGED 25.16 TO 25.09REF TO MEET PCI EXPRESS EXTERNAL CABLING SPECIFICATION 0A9 [SHEET 1] 2. ADDED MM 3D NO. 0F10 [SHEET 1] 3. THE MOLEX CHARACTER FIGURE UPDATE 0F2 [SHEET 1], 0F2 F5 [SHEET 2] 4. CHANGED 25.09 TO 25.09+/-0.1 0E9 [SHEET 2]

SEE REVISION TABLE EC NO: CPG2015-0143 DRAWN:WANG07 2014/07/11 CHKD:SYANG16 2014/07/14 APPR:RCHEN08 2014/07/28 J	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JERWIN	DATE 2006/05/25	TITLE I-PASS X8 EMI GUIDE HOUSING ASSEMBLY W/ KEYS molex				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	BREED	2006/05/25					
			2 PLACES	± 0.05	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.10	± ---	DDOYE	2006/05/25					
			0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			ANGULAR ±1/2°				SEE P/N TABLE			SD-74540-101		4 OF 4
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				