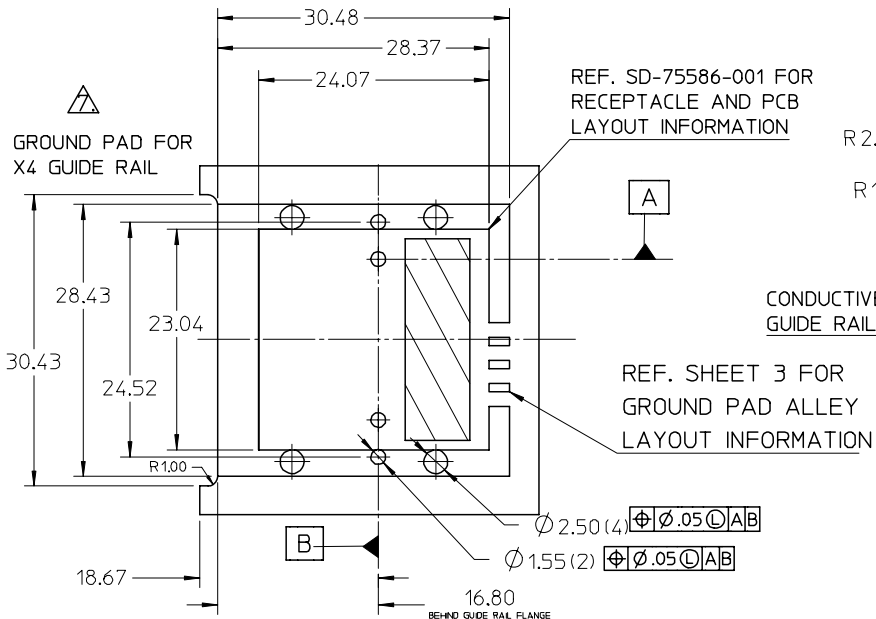




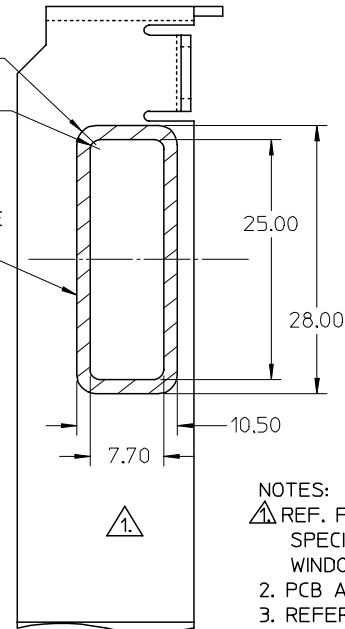
R2.00(4)
R1.00(4)

CONDUCTIVE ZONE
GUIDE RAIL SIDE

REF. SHEET 3 FOR
GROUND PAD ALLEY
LAYOUT INFORMATION

Ø2.50(4) Ø.05(4) AB
Ø1.55(2) Ø.05(2) AB
BEHIND GUIDE RAIL FLANGE

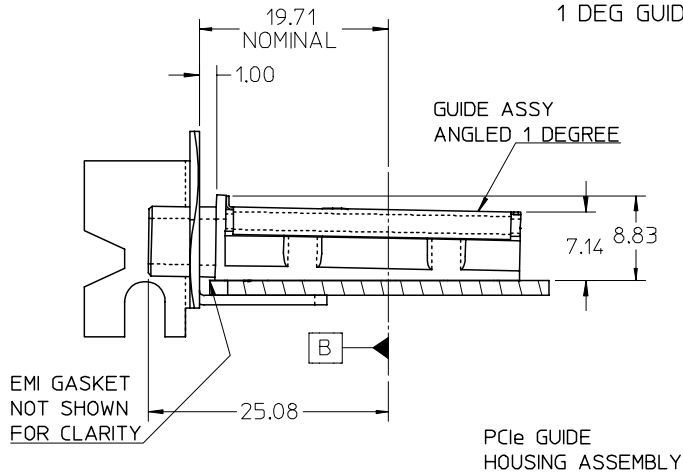
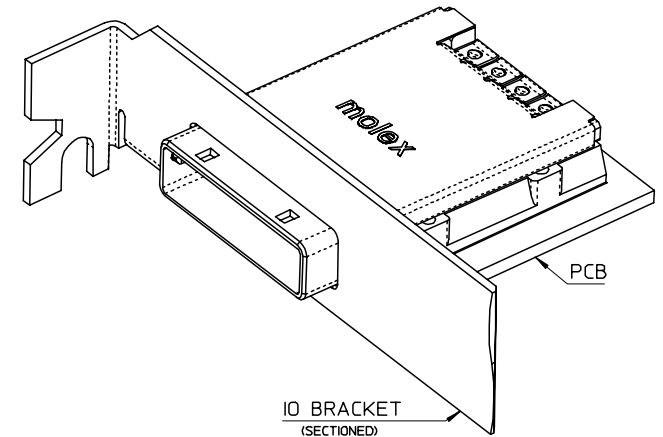
PCIe EXPANSION CARD
APPLICATION SHOWN USING
1 DEG GUIDE HOUSING ASSEMBLY



IO BRACKET
WINDOW

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. SEE SHEET 3 FOR SCREEN LENGTH + TORQUE SPEC.
 - GUIDE HOUSING MOUNTING THREAD= M2 X 0.4
 - 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 4X CABLE SERIES 74546-040X.
 - GUIDE HOUSING PEGS FOR ALIGNMENT ONLY.
- *DO NOT SOLDER*

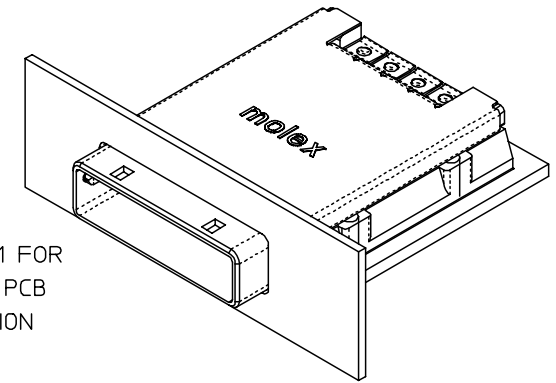
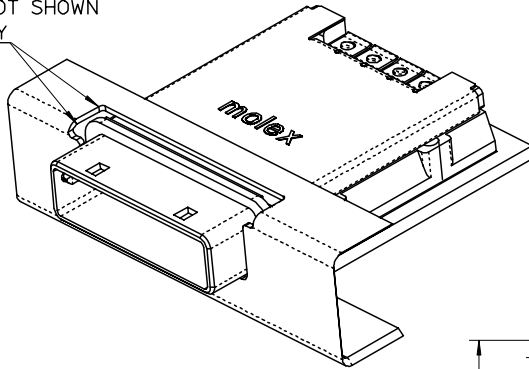


PCIe GUIDE
HOUSING ASSEMBLY

iPass™ is a trademark of Molex.

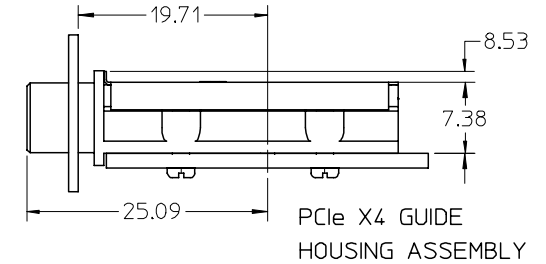
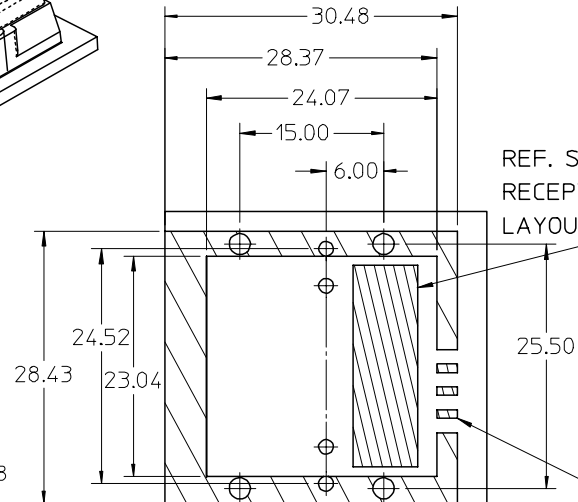
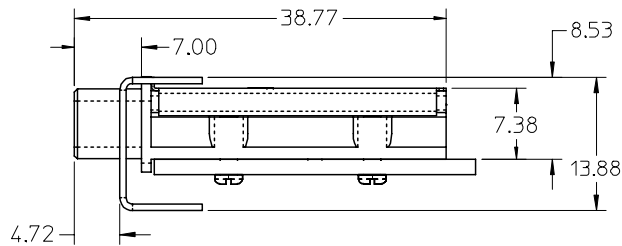
ENTER DESCRIPTION EC NO: USY2007-0169 DRWN: SNAVARRO CHKD: BREED APPR: DDOYE	REV G	DESCRIPTION 2006/11/08 2006/11/13 2006/11/14	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IPASS X4 EMI GUIDE HOUSING ASSEMBLY						
				mm	INCH	DRAWN BY BAREED	DATE 2005/02/03	MOLEX INCORPORATED									
				4 PLACES	± ---	± ---	CHECKED BY DDOYE					DATE 2005/02/03					
				3 PLACES	± ---	± ---	APPROVED BY DDOYE					DATE 2005/02/03					
				2 PLACES	± 0.05	± ---	MATERIAL NO. SEE TABLE					DOCUMENT NO. SD-74540-400		SHEET NO. 1 OF 3			
				1 PLACE	± 0.10	± ---											
				ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													

GASKETS NOT SHOWN
FOR CLARITY

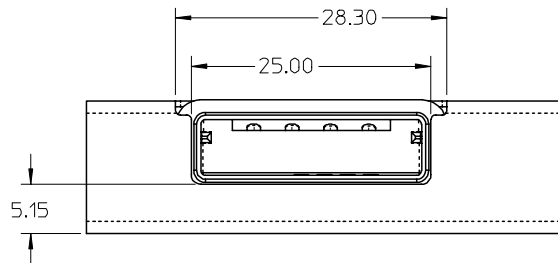


REF. SD-75586-001 FOR
RECEPTACLE AND PCB
LAYOUT INFORMATION

REF. SHEET 3 FOR
GROUND PAD ALLEY
LAYOUT INFORMATION



PCIe X4 GUIDE
HOUSING ASSEMBLY



ADVANCED TCA APPLICATION
SHOWN USING 0 DEGREE
GUIDE HOUSING ASSEMBLY

STANDARD APPLICATION
SHOWN USING 0 DEGREE
GUIDE HOUSING ASSEMBLY

iPass™ is a trademark of Molex.

ENTER DESCRIPTION EC NO: USY2007-0169 DRWN:SNAVARRO 2006/11/08 CHKD:BREED 2006/11/13 APPR:DDOYE 2006/11/14 G	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY BAREED	DATE 2005/02/03	TITLE IPASS X4 EMI GUIDE HOUSING ASSEMBLY				
			4 PLACES ± ---	± ---	CHECKED BY DDOYE	DATE 2005/02/03					
			3 PLACES ± ---	± ---	APPROVED BY DDOYE	DATE 2005/02/03	MOLEX INCORPORATED				
			2 PLACES ± 0.05	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74540-400					
1 PLACE ± 0.10	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

10

9

8

7

6

5

4

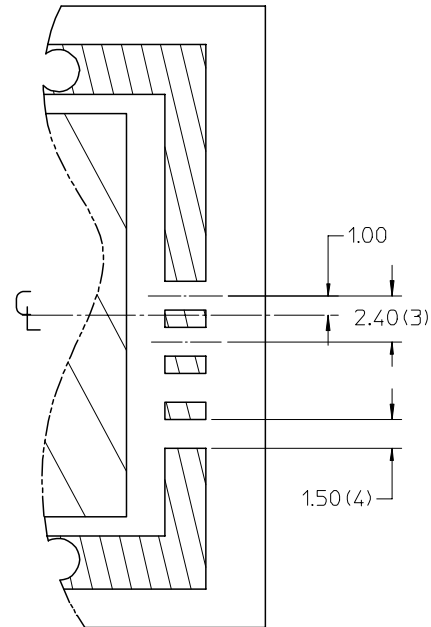
3

2

74540

P/N	DESCRIPTION	GEN
745400400	4X EMI Guide Housing Assembly - PCIe / 1 Deg	Gen 1
745400500	4X 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
	+4MM MAX	2.3



PARTIAL1

SCALE 4:1

GROUND PAD ALLEY

LAYOUT INFORMATION



ENTER DESCRIPTION EC NO: USY2007-0169 DRAWN: SNAVARRO 2006/11/08 CHKD: BREED 2006/11/13 APPR: DDOYE 2006/11/14 G	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						DRAWN BY BAREED		DATE 2005/02/03	TITLE IPASS X4 EMI GUIDE HOUSING ASSEMBLY			
						CHECKED BY DDOYE		DATE 2005/02/03				
						APPROVED BY DDOYE		DATE 2005/02/03				
						ANGULAR ±1/2°		MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-74540-400	SHEET NO. 3 OF 3
				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				
								MOLEX MOLEX INCORPORATED				

9

8

7

6

5

4

3

2

1