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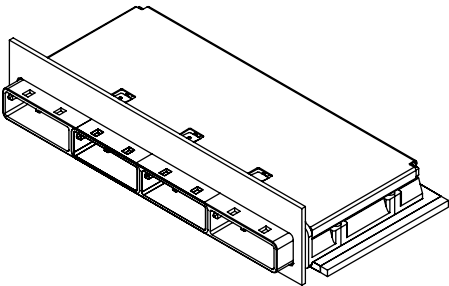
www.Jameco.com ♦ 1-800-831-4242

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Jameco Part Number 1977041

(1.18") Pitch Cage-to-Cage
(0.75") Pitch Port-to-Port
iPass™
Wire-to-Board
Multi-port Guide Frame

74548
SAS/SATA



Features and Benefits

- Multiple guide rail configurations provide board design flexibility
- Diecast guide rail provides robust chassis-to-chassis interface
- Guide frame gaskets provide improved EMI performance
- Screw attachment for the guide rail to PCB provides a durable I/O connection during the cable management process

Reference Information

Packaging: Tray
Mates With: 74547
Use With: 75586
Designed In: Millimeters

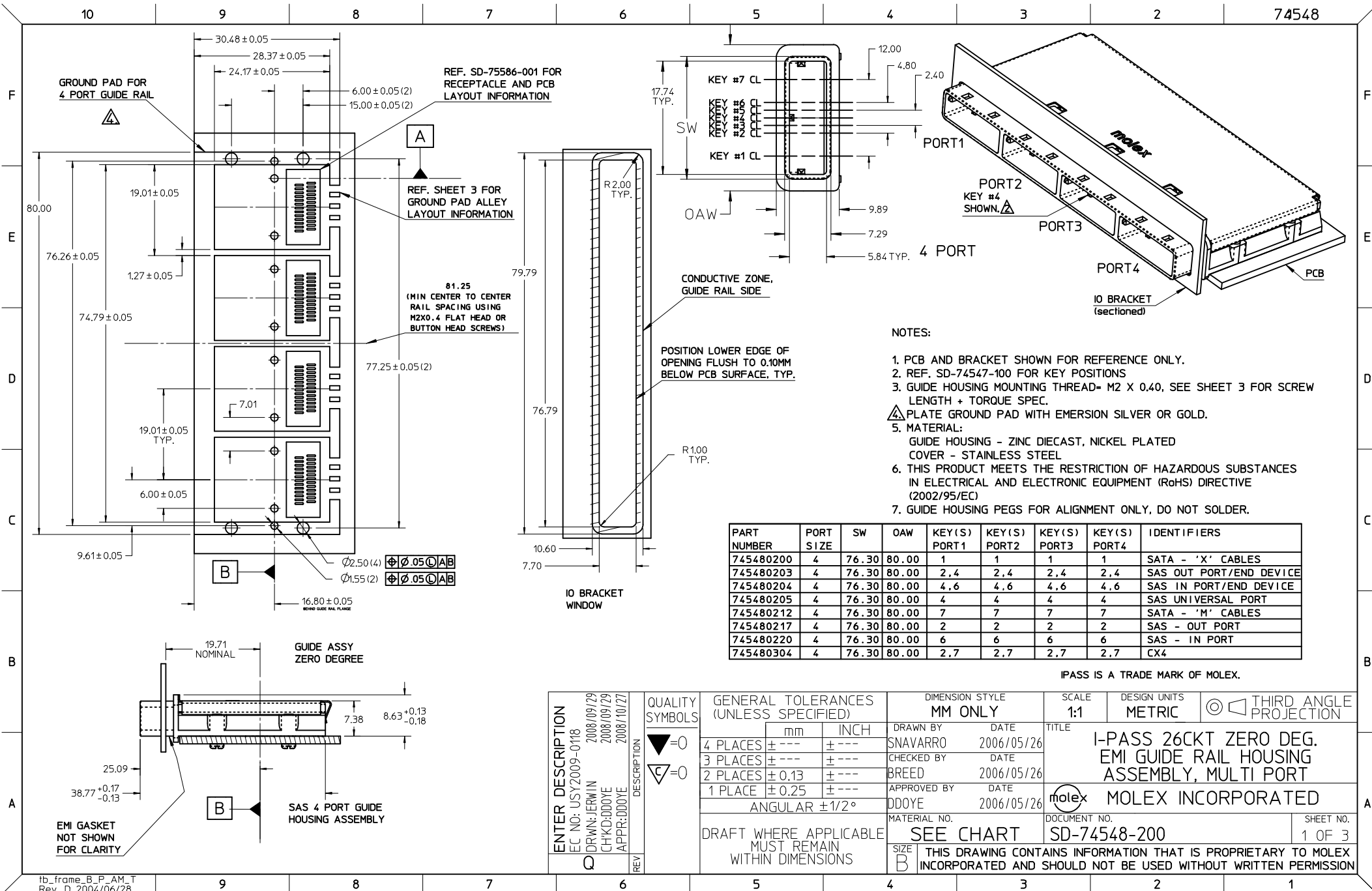
Mechanical

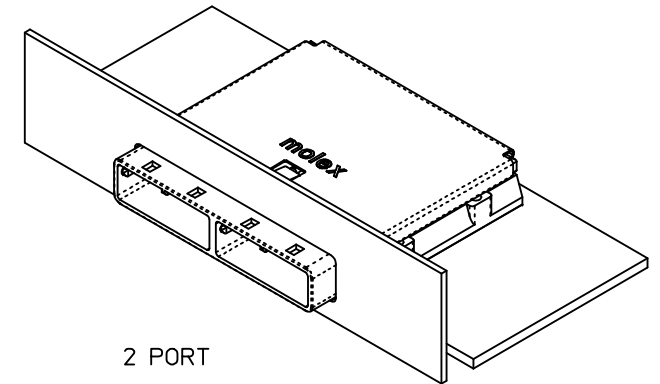
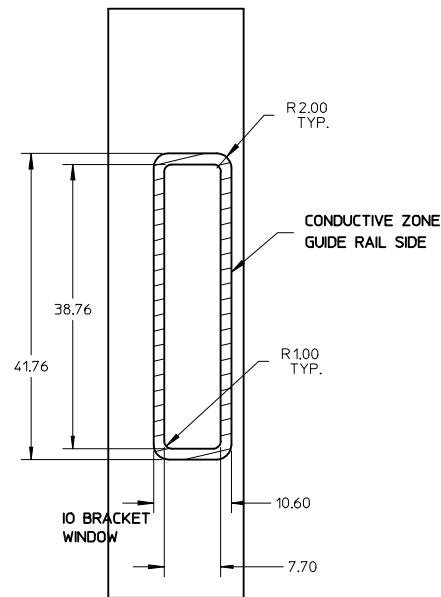
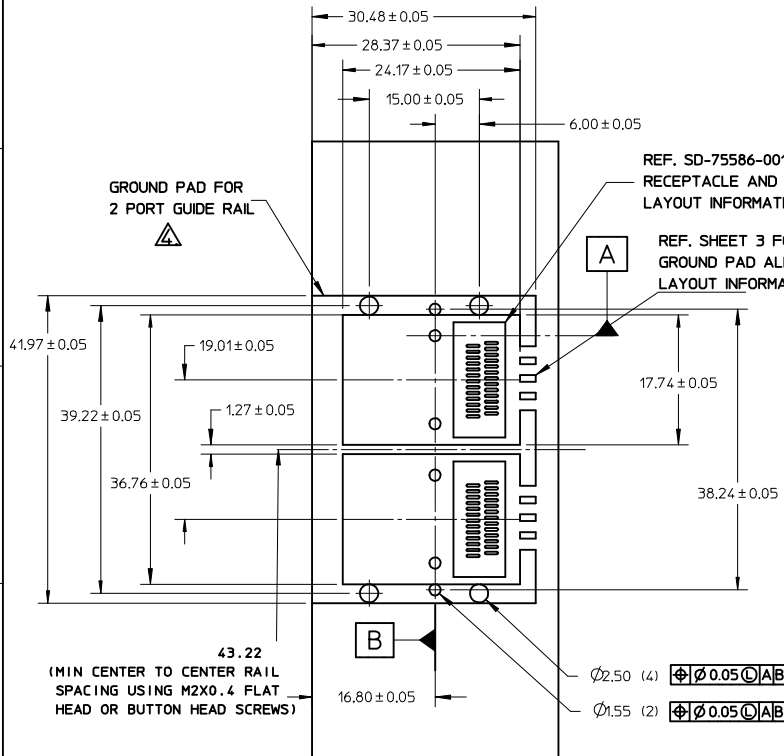
Retention to PCB: Threaded Screw—M2

Physical

Housing: Zinc diecast
Housing Plating: Nickel over Tin
Operating Temperature: -20 to +85°C

Circuits	Cage Angle	Order No.	Port Size	Key	Lead-free
26	1°	74548-0100	1 by 4	1	Yes
		74548-0101	1 by 1		
		74548-0102	1 by 2		
		74548-0103	1 by 4	2,4	
		74548-0104		4,6	
		74548-0105		4	
		74548-0106	1 by 2	2,4	
		74548-0107		4,6	
		74548-0108		4	
		74548-0109	1 by 1	2,4	
		74548-0110		4,6	
		74548-0111		4	
		74548-0112	1 by 4	7	
		74548-0113	1 by 2		
		74548-0114	1 by 1		
	0°	74548-0200	1 by 4	1	
		74548-0201	1 by 1		
		74548-0202	1 by 2		
		74548-0203	1 by 4	2,4	
		74548-0204		4,6	
		74548-0205		4	
		74548-0206	1 by 2	2,4	
		74548-0207		4,6	
		74548-0208		4	
		74548-0209	1 by 1	2,4	
		74548-0210		4,6	
		74548-0211		4	
		74548-0212	1 by 4	7	
		74548-0213	1 by 2		
		74548-0214	1 by 1		

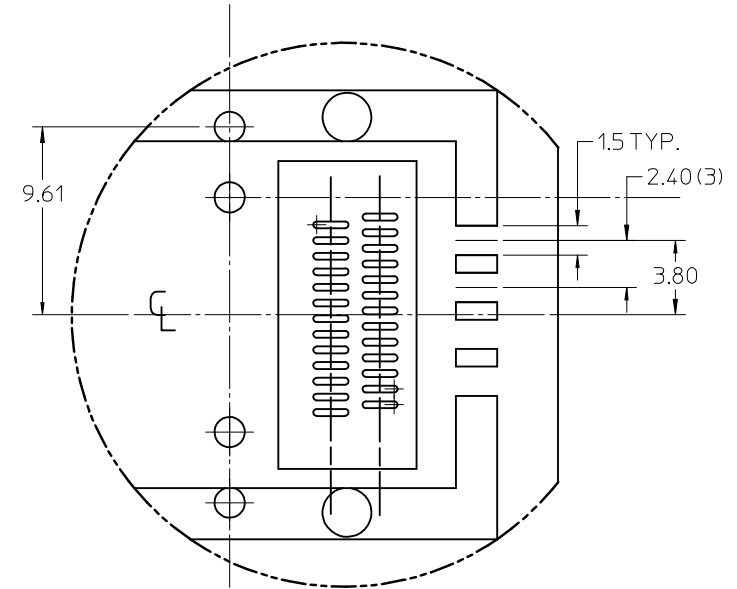
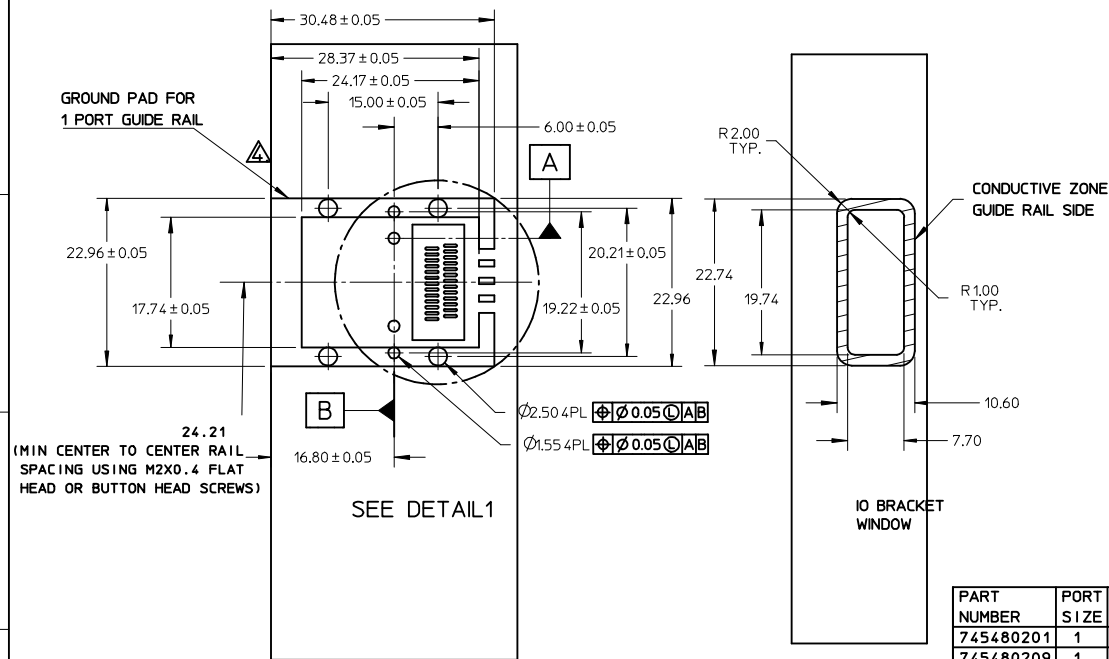




PART NUMBER	PORT SIZE	SW	OAW	KEY(S) PORT1	KEY(S) PORT2	IDENTIFIERS
745480202	2	38.26	41.96	1	1	SATA - 'X' CABLES
745480206	2	38.26	41.96	2,4	2,4	SAS OUT PORT/END DEVICE
745480207	2	38.26	41.96	4,6	4,6	SAS IN PORT/END DEVICE
745480208	2	38.26	41.96	4	4	SAS UNIVERSAL PORT
745480213	2	38.26	41.96	7	7	SATA - 'M' CABLES
745480215	2	38.26	41.96	4,6	2,4	SAS IN PORT - SAS OUT PORT
745480216	2	38.26	41.96	2,4	4,6	SAS OUT PORT - SAS IN PORT
745480218	2	38.26	41.96	2	2	SAS - IN PORT
745480221	2	38.26	41.96	6	6	SAS - OUT PORT
745480224	2	38.26	41.96	3	3	SRIO

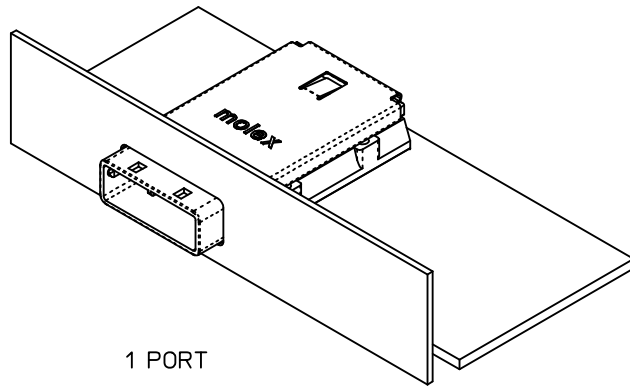
IPASS IS A TRADE MARK OF MOLEX.

ENTER DESCRIPTION EC NO: USY2009-018 Q DRWN: JERWIN CHKD: DDOYE APPR: DDOYE 2008/09/29 2008/09/29 2008/10/27	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 			
				mm	INCH	DRAWN BY SNAVARRO	DATE 2006/05/26	TITLE I-PASS 26CKT ZERO DEG. EMI GUIDE RAIL HOUSING ASSEMBLY, MULTI PORT				
			4 PLACES	± ---	± ---	CHECKED BY BREED	DATE 2006/05/26					
			3 PLACES	± ---	± ---	APPROVED BY DDOYE	DATE 2006/05/26	 MOLEX INCORPORATED				
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART					DOCUMENT NO. SD-74548-200	SHEET NO. 2 OF 3
			1 PLACE	± 0.25	± ---							
			ANGULAR ±1/2°									
			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			



DETAIL1
SCALE 4:1

PART NUMBER	PORT SIZE	SW	OAW	KEY(S)	IDENTIFIERS
745480201	1	19.24	22.95	1	SATA - 'X' CABLES
745480209	1	19.24	22.95	2,4	SAS OUT PORT/END DEVICE
745480210	1	19.24	22.95	4,6	SAS IN PORT/END DEVICE
745480211	1	19.24	22.95	4	SAS UNIVERSAL PORT
745480214	1	19.24	22.95	7	SATA - 'M' CABLES
745480219	1	19.24	22.95	2	SAS OUT PORT
745480222	1	19.24	22.95	6	SAS IN PORT
745480225	1	19.24	22.95	3	SRIO
745480229	1	19.24	22.95	2,7	CX4



1 PORT

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

I-PASS™ IS A TRADE MARK OF MOLEX.

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				mm	INCH	DRAWN BY SNAVARRO	DATE 2006/05/26	TITLE I-PASS 26CKT ZERO DEG. EMI GUIDE RAIL HOUSING ASSEMBLY, MULTI PORT				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	BREED	2006/05/26	 MOLEX INCORPORATED				
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.25	± ---	DDOYE	2006/05/26					
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SHEET NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-74548-200		3 OF 3			
					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						