

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0760670001](#)
Status: **Obsolete**
Overview: [sfp_stacked_multiport_connectors](#)
Description: Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-5 Multi-Port Press Fit Connector without Lightpipe Ports, EMI Metal Gasket, 200 Circuits, Tin (Sn)/Lead(Pb) Tails

Documents:
[Drawing \(PDF\)](#)

Agency Certification

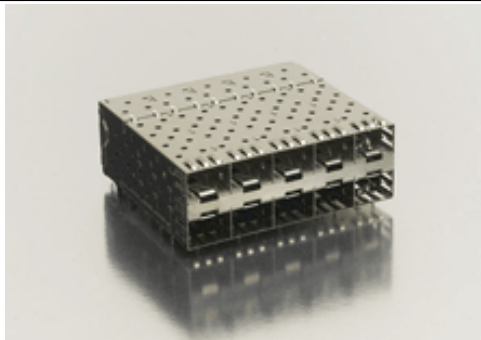
CSA LR19980
UL E29179

General

Product Family I/O Connectors
Series [76067](#)
Application Module-to-Board
Component Type Receptacle
Overview [sfp_stacked_multiport_connectors](#)
Product Name SFP Plus
Type N/A

Physical

Boot Color N/A
Circuits (Loaded) 200
Circuits (maximum) 200
Circuits Detail 200
Color - Resin Black
Durability (mating cycles max) 100
Flammability 94V-0
Gender Female
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
PC Tail Length (in) 0.081 In
PC Tail Length (mm) 2.07 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.57 mm
Packaging Type Tray
Panel Mount No
Pitch - Mating Interface (in) 0.031 In
Pitch - Mating Interface (mm) 0.80 mm
Pitch - Term. Interface (in) 0.031 In
Pitch - Term. Interface (mm) 0.80 mm
Plating min: Mating (µin) 30.4
Plating min: Mating (µm) 0.76
Plating min: Termination (µin) 30.4
Plating min: Termination (µm) 0.76



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[76067Series](#)

Use With
[0759510999](#) SFP Dust Plug,

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
SFP Stacked Multi-Port Insertion Tool, 2 by 5	0622029980
SFP Stacked Multi-Port Extraction Tool, 2 by 5	0622029990

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	10
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Shield Type	EMI Gasket
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

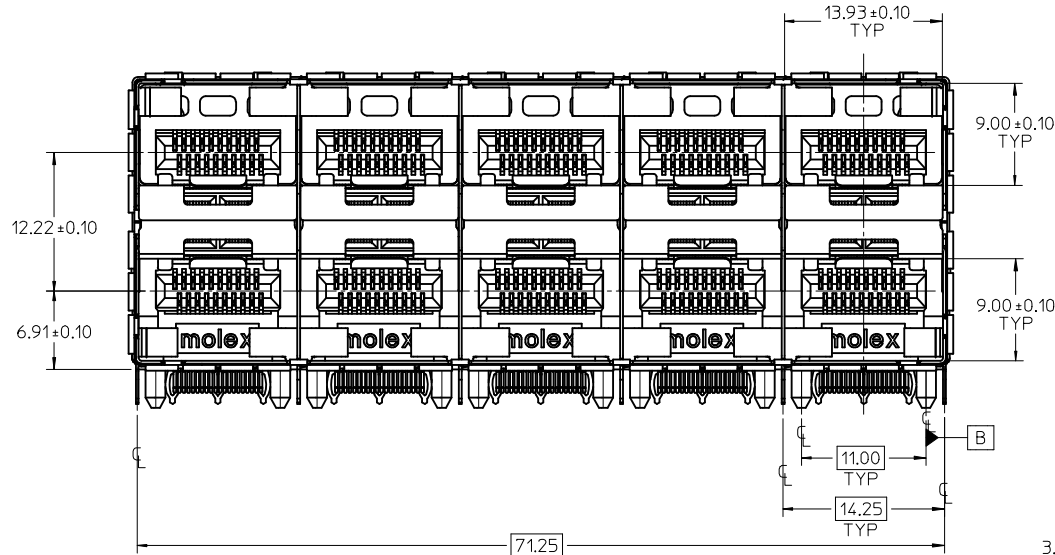
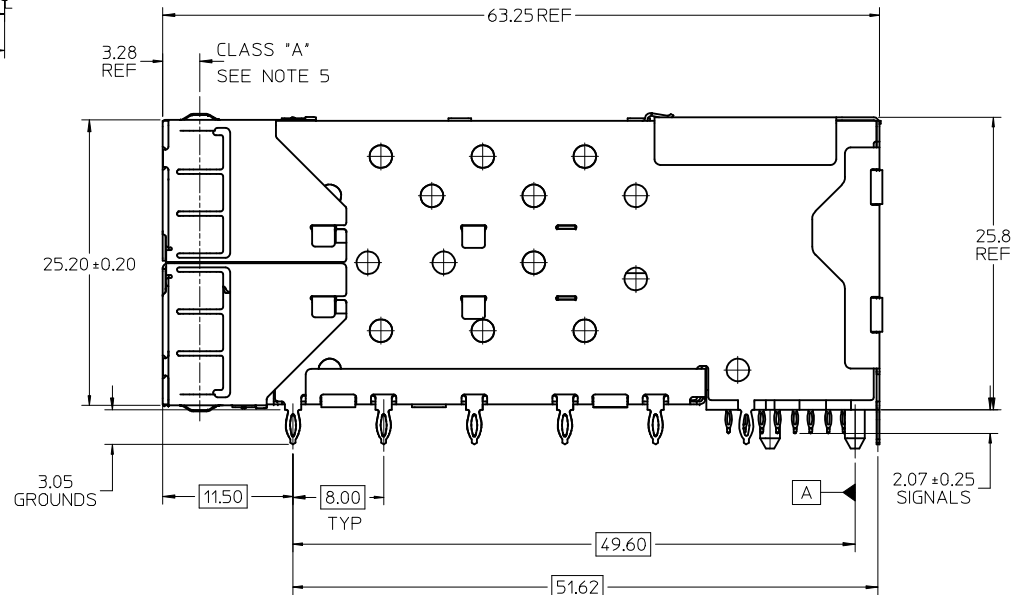
Reference - Drawing Numbers

Application Specification	AS-75310-001
Packaging Specification	PK-75733-001
Product Specification	PS-75310-001
Sales Drawing	SD-76067-001

This document was generated on 06/04/2010

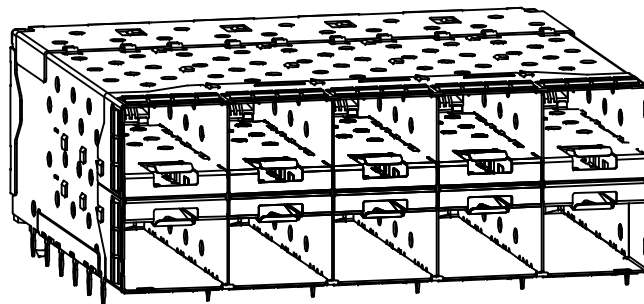
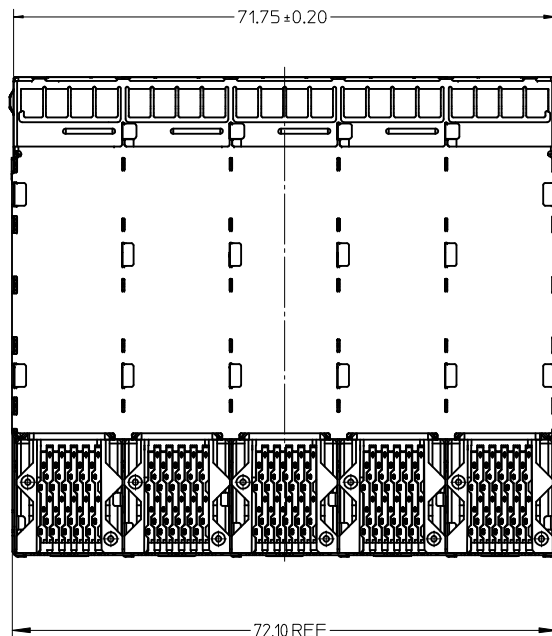
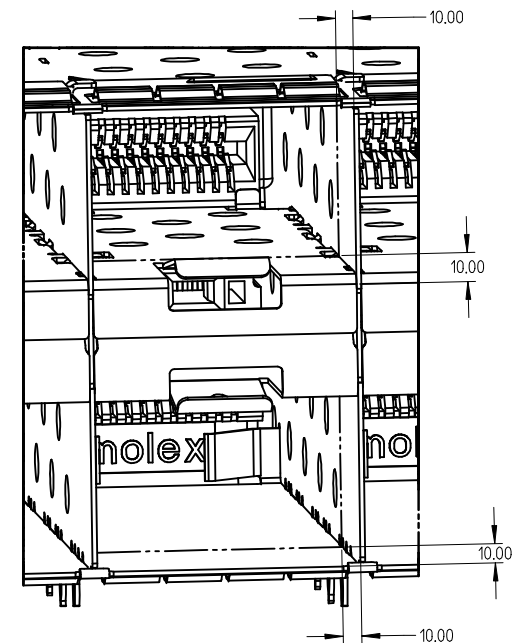
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PART NUMBER	COMPLIANT TAIL PLATING
760670001	TIN / LEAD
760675001	TIN



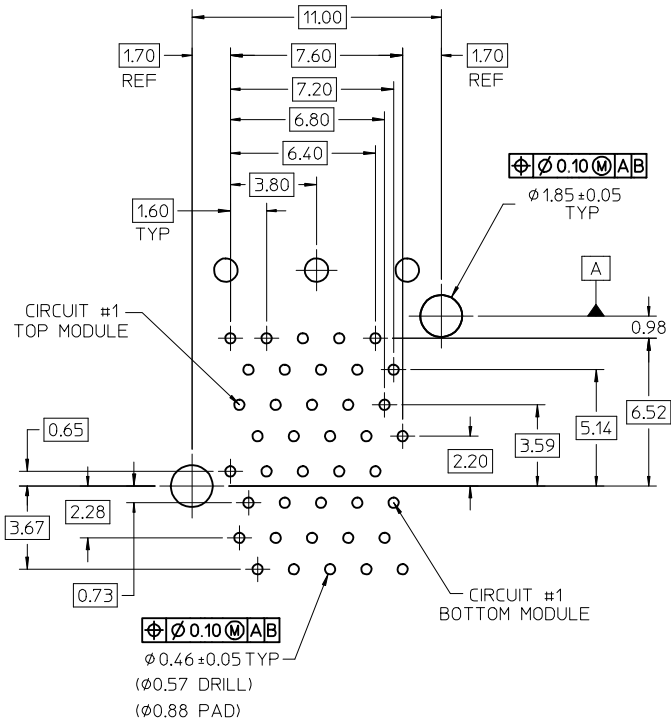
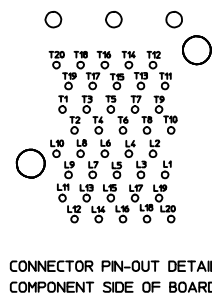
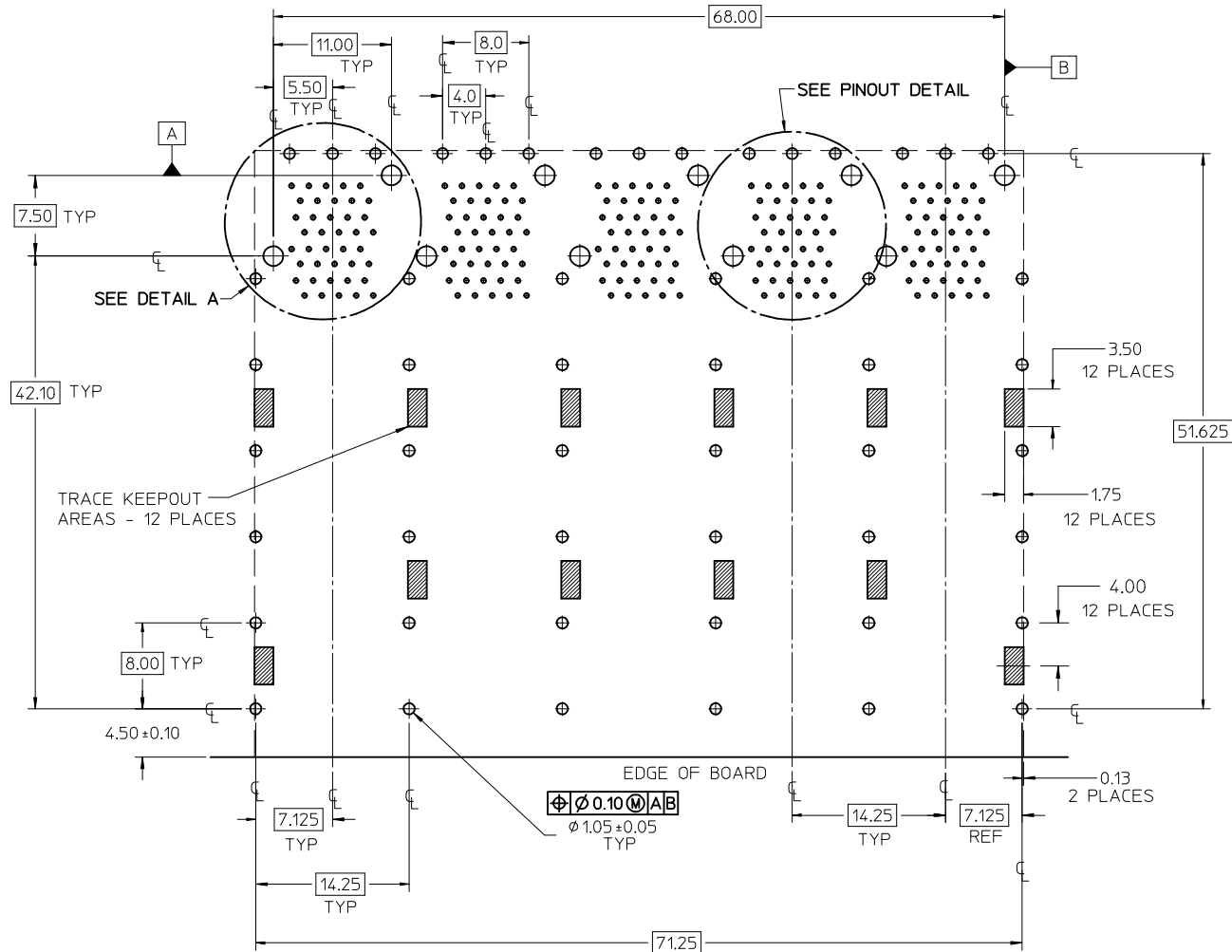
- NOTES:
- MATERIAL:
CAGE: NICKEL SILVER, THICKNESS: 0.25mm
EMI METAL GASKET: PHOS-BRONZE
CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94 V-0, COLOR: BLACK
OVERMOLD TERMINAL HOUSING: GLASS FILLED THERMOPLASTIC, UL 94 V-0, COLOR: BLACK
TERMINALS: BRASS
 - FINISH
TERMINALS: CONTACT AREA: 0.76 MICRONS MIN. HARD GOLD OVER 1.27 MICRONS MIN. NICKEL.
COMPLIANT TAIL - TIN/LEAD OPTION: 0.76 - 1.52 MICRONS 90/10 TIN/LEAD OVER 0.76 - 1.52 MICRONS NICKEL
COMPLIANT TAIL - TIN OPTION: 0.76 - 1.52 MICRONS TIN OVER 0.76 - 1.52 MICRONS NICKEL
EMI METAL GASKET: 2.54 MICRONS NICKEL OVERALL
 - REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
 - REFER TO PK-75733-001 FOR ALL PACKAGING SPECIFICATIONS.
 - ALL EXTERIOR SURFACES TO BE CLASS 'B' SURFACES EXCEPT THE UNDER SIDE OF THE CAGE WHERE THE PCB WOULD BE LOCATED AND AS NOTED. THE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.

ADD KEEP OUT ZONES	EC NO: UCP2009-1356 DRWN:MS BARRA 2009/08/04 CHKD:BBARKER 2009/08/06 APPR:SMILLER 2009/08/06	DESCRIPTION	REV	QUALITY SYMBOLS <div>▽=0</div> <div>▽=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
						mm	INCH	DRAWN BY MSANDBERG	DATE 10-17-2006	TITLE STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET						
					4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 10-17-2006							
					3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 10-17-2006							
					2 PLACES	± 0.13	± ---	ANGULAR ± 5 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-76067-001		SHEET NO. 1 OF 4		
					1 PLACE	± 0.25	± ---									
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



10.00mm AREA SETBACK IN CAGE IS TO BE FREE OF ANY HOLES, DIMPLES, SEAMS OR ANY OTHER FEATURE. (4 SIDES PER PORT)

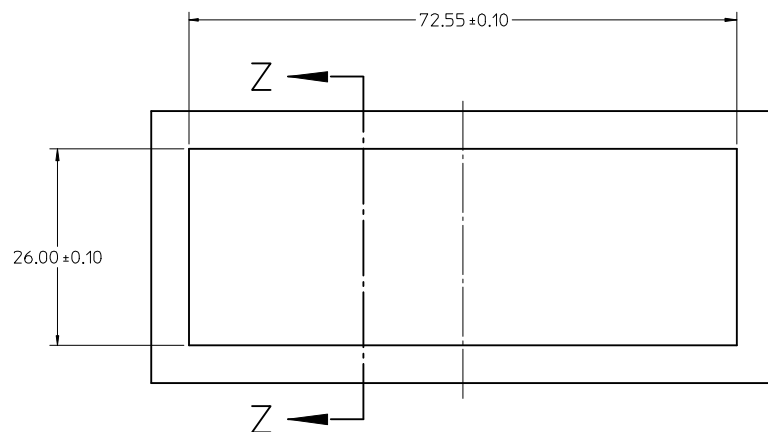
SEE SHEET 1 EC NO: UCP2009-1356 DRAWN BY: MSANDBERG CHKD BY: BBARKER APPR: SMILLER REV: 1	DESCRIPTION REV: 1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □		
				mm	INCH	DRAWN BY MSANDBERG	DATE 10-17-2006	TITLE STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET			
			4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 10-17-2006				
			3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 10-17-2006				
			2 PLACES	± 0.13	± ---	MOLEX INCORPORATED					
			1 PLACE	± 0.25	± ---						
			ANGULAR ± 5 °			MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-76067-001		2 OF 4	
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



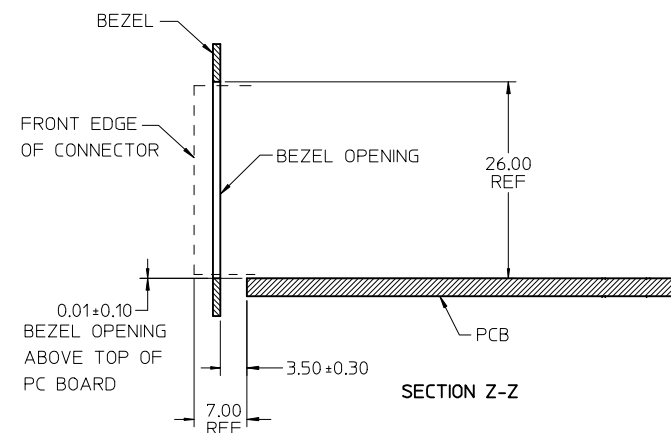
RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
THIS AREA IS INDICATED BY THE DASHED LINE

ADD KEEP OUT ZONES	EC NO: UCP2009-1356 DRWN:MS BARRA 2009/08/04 CHKD:BBARKER 2009/08/06 APPR:SMILLER 2009/08/06	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
				 =0  =0		mm	INCH	DRAWN BY DATE MSANDBERG 10-17-2006		TITLE STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET		
					4 PLACES	± ---	± ---	CHECKED BY DATE JLONG 10-17-2006				
					3 PLACES	± ---	± ---	APPROVED BY DATE RNELSON 10-17-2006				
					2 PLACES	± 0.13	± ---	MATERIAL NO. DOCUMENT NO.				
1 PLACE	± 0.25	± ---	SHEET NO. 3 OF 4									
ANGULAR ± 5 °					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76067-001			
							SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8-2.6



SEE SHEET 1	EC NO: UCP2009-1356 DRAWN BY: MSANDBERG 2009/08/04 CHKD BY: BARKER 2009/08/06 APPR: MILLER 2009/08/06	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE STACKED SFP+ 2X5 ASS'Y WITH METAL EMI GASKET				
						mm	INCH	DRAWN BY MSANDBERG		DATE 10-17-2006			APPROVED BY RNELSON		DOCUMENT NO. SD-76067-001	SHEET NO. 4 OF 4
					4 PLACES	± ---	± ---	CHECKED BY JLONG		DATE 10-17-2006						
					3 PLACES	± ---	± ---	DATE 10-17-2006								
					2 PLACES	± 0.13	± ---	DATE 10-17-2006		MOLEX MOLEX INCORPORATED						
					1 PLACE	± 0.25	± ---	DATE 10-17-2006		SD-76067-001						
					ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.			
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