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Part Number:

0761035001

Status:

Active

Overview:

sfp_stacked_multiport_connectors

Description:

Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-5 Multi-Port Press Fit Connector without Lightpipe Ports, Elastomeric Gasket, 200 Circuits, Tin (Sn) Tails

- Documents:
- 3D Model

Drawing (PDF)

Application Specification (PDF)

Test Summary (PDF)

Product Specification PS-75310-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

I/O Connectors

Series

76103

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

Durability (mating cycles max)

100

Flammability

94V-0

Gender

Female

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Plating Mating

Gold

Number of Rows

4

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

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

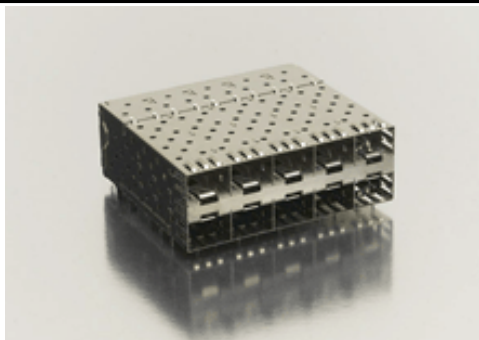


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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
76103Series

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

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

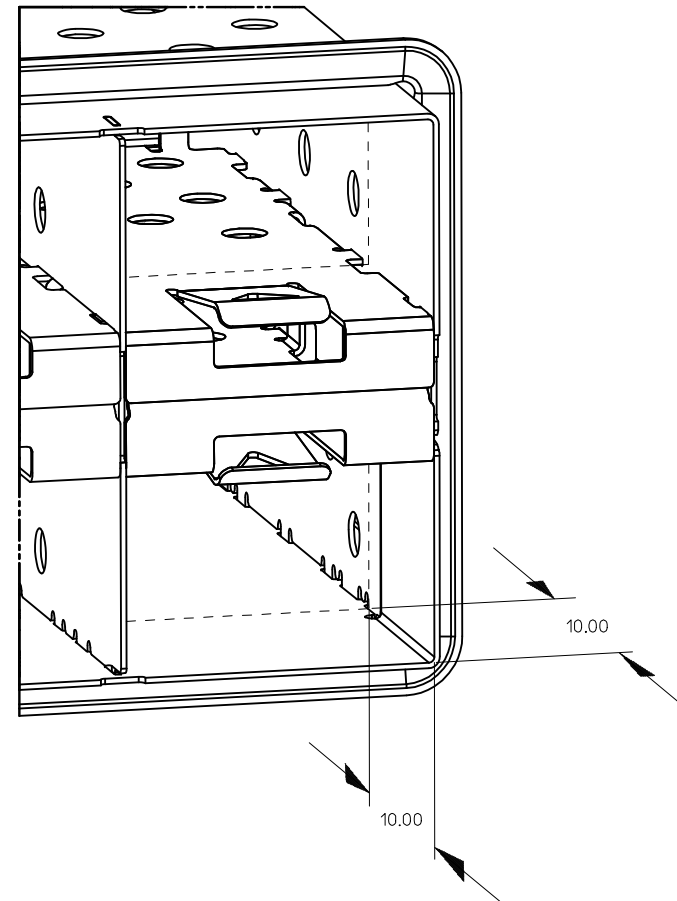
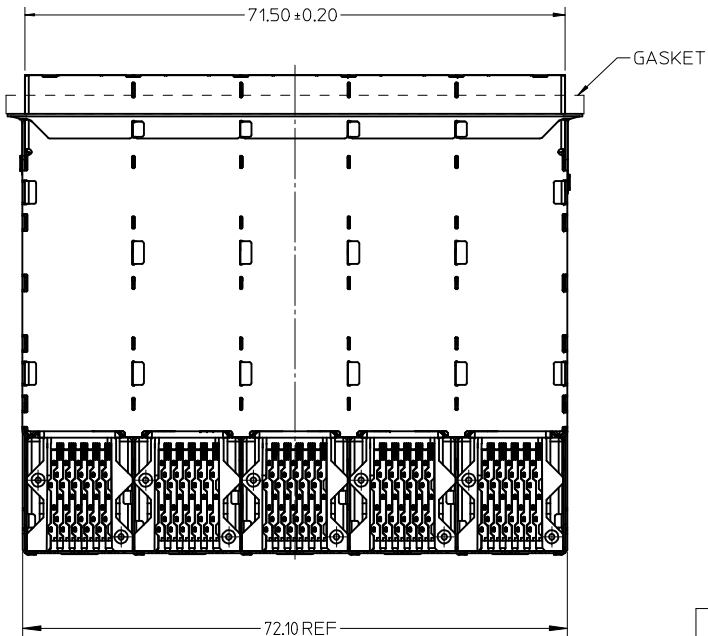
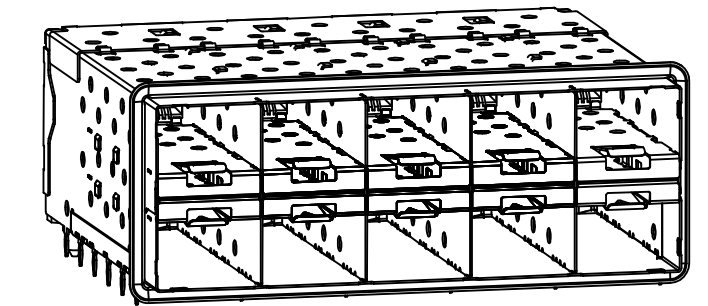
Material Info

Reference - Drawing Numbers

Application Specification	AS-75310-001
Packaging Specification	PK-75733-001
Product Specification	PS-75310-001
Sales Drawing	SD-76103-001

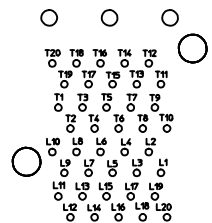
This document was generated on 05/27/2010

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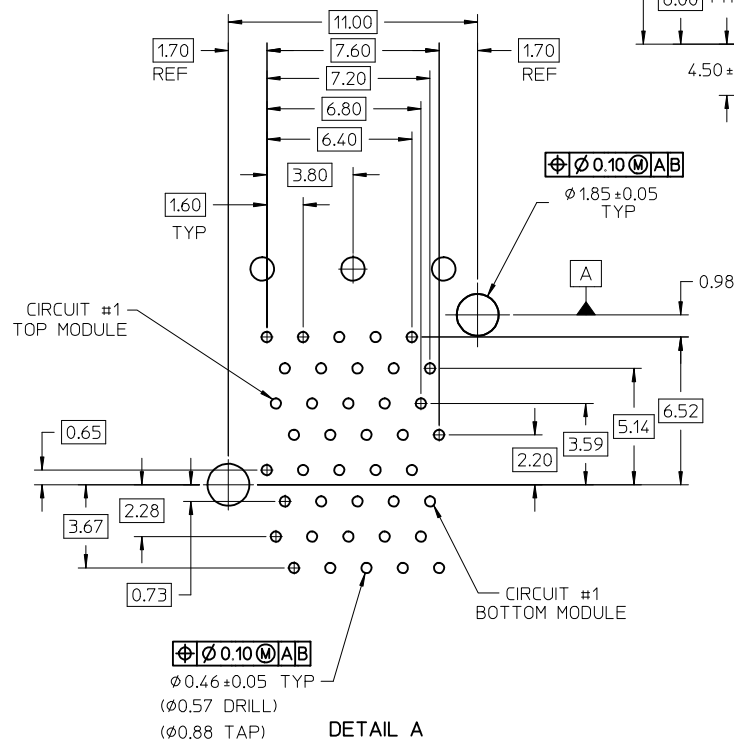


10.00mm AREA SETBACK IN CAGE IS TO BE FREE OF ANY HOLES, DIMPLES, SEAMS OR ANY OTHER FEATURE. (4 SIDES PER PORT)

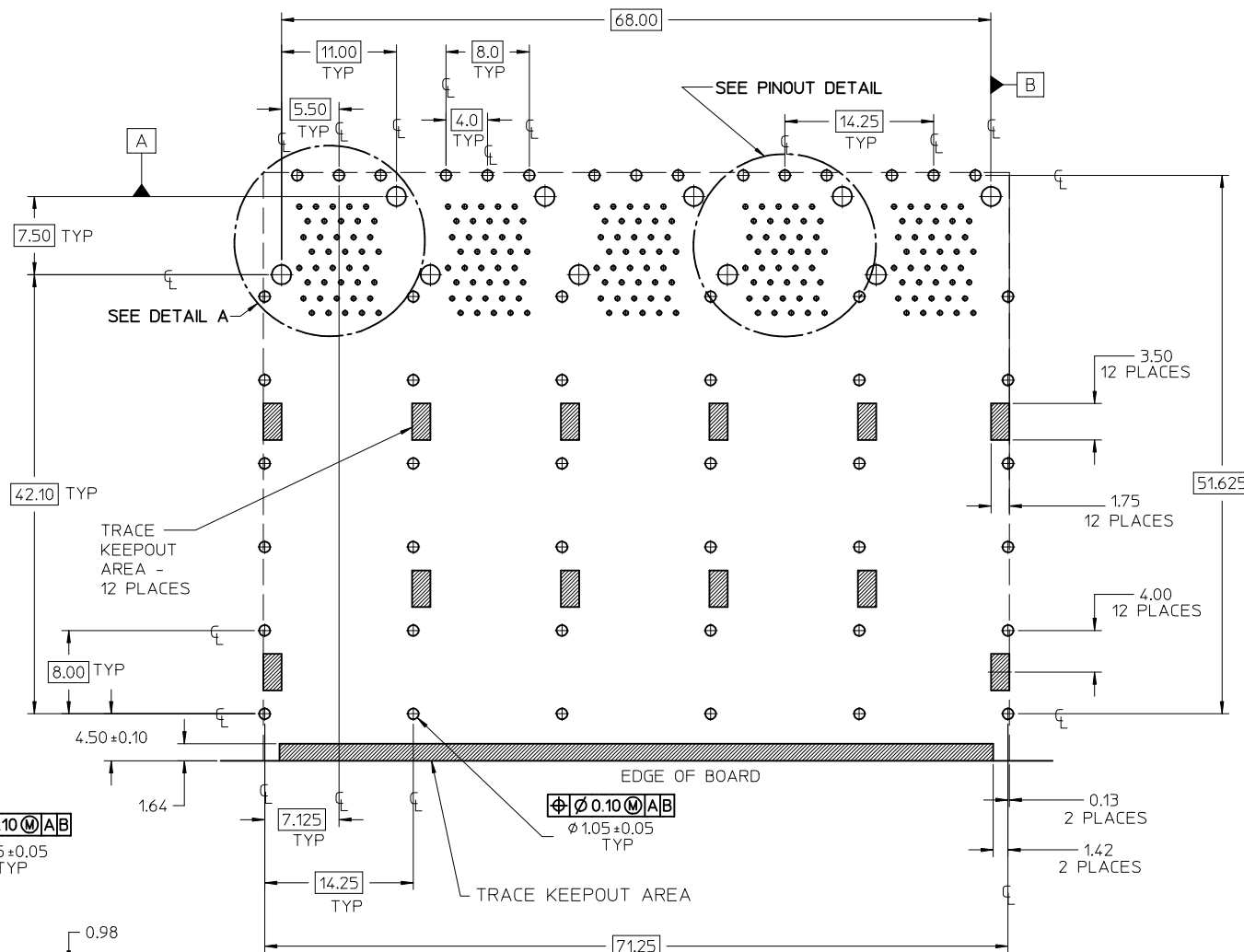
SEE SHEET 1 EC NO: UCP2009-1356 2009/08/04 DRWN:MS BARRA CHKD: APPR:SMILLER 2009/08/06 2009/08/06	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE STACKED SFP+ 2X5 ASS'Y WITH ELASTOMERIC GASKET	
					mm	INCH	DRAWN BY JLONG	DATE 01-18-2007				
				4 PLACES	± ---	± ---	CHECKED BY	DATE				
				3 PLACES	± ---	± ---	APPROVED BY RNELSON		DATE 01-18-2007			
				2 PLACES	± 0.13	± ---					MOLEX MOLEX INCORPORATED	
				1 PLACE	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				ANGULAR ± 5 °		SEE TABLE		SD-76103-001			2 OF 4	
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									



CONNECTOR PIN-OUT DETAIL
COMPONENT SIDE OF BOARD

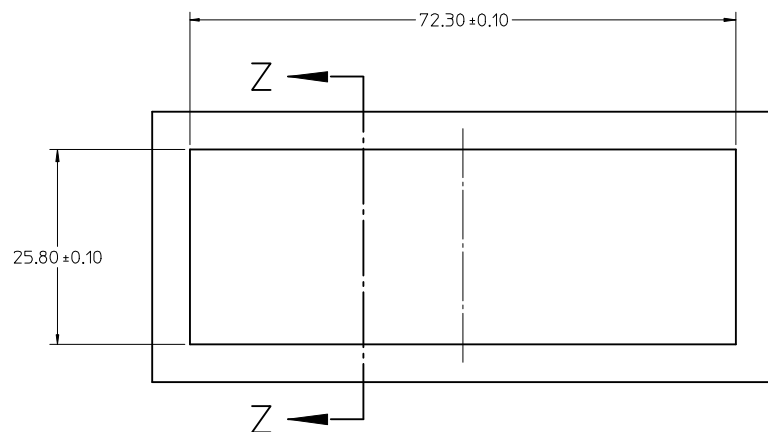


DETAIL A
SCALE 6:1

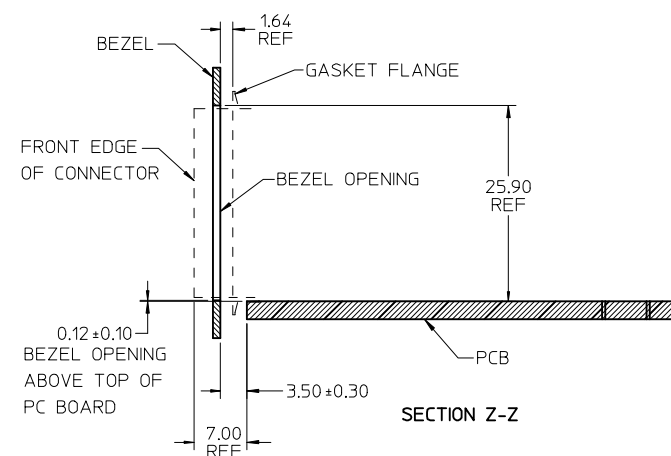


RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
THIS AREA IS INDICATED BY THE DASHED LINE

ADD KEEP OUT ZONES EC NO: UCP2009-1356 DRWN:MS BARRA 2009/08/04 CHKD: 2009/08/06 APPR:SMILLER 2009/08/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		▽=0		mm	INCH	DRAWN BY JLONG	DATE 01-18-2007	TITLE STACKED SFP+ 2X5 ASS'Y WITH ELASTOMERIC GASKET			
		▽=0	4 PLACES ± --- ± ---			CHECKED BY	DATE				
			3 PLACES ± --- ± ---			APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
			2 PLACES ± 0.13 ± ---			RNELSON	01-18-2007				
	1 PLACE ± 0.25 ± ---			MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
			ANGULAR ± 5 °		SEE TABLE	SD-76103-001		3 OF 4			
	REV		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					



BEZEL CUTOUT CENTER SPACING DETAIL
BEZEL THICKNESS 0.8-2.6



SEE SHEET 1	REV	DESCRIPTION	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 ELASTOMERIC GASKET						
				mm		INCH		DRAWN BY JLONG				DATE 01-18-2007					
				4 PLACES ± ---		± ---		CHECKED BY				DATE					
				3 PLACES ± ---		± ---		APPROVED BY RNELSON									
				2 PLACES ± 0.13		± ---											
				1 PLACE ± 0.25		± ---		DATE 01-18-2007				 MOLEX INCORPORATED					
				ANGULAR ± 5 °				MATERIAL NO.					DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				SD-76103-001		SHEET NO. 4 OF 4			
								SIZE C				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					