

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0757595001

Status:

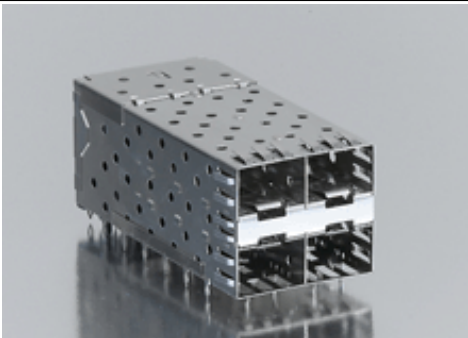
Active

Overview:

sfp_stacked_connectors

Description:

Small Form-factor Pluggable (SFP) Stacked 2-by-2 Multi-Port Connector with Press-fit PC Tails, 80 Circuits, Lead Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Application Specification \(PDF\)](#)
- [Product Specification PS-75310-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Type

I/O Connectors

75759

Module-to-Board

Receptacle

sfp_stacked_connectors

SFP

N/A

Physical

Boot Color

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Gender

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

N/A

80

80

Black

100

94V-0

Female

Yes

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

2

Right Angle

0.081 In

2.07 mm

Yes

Yes

0.092 In

2.36 mm

Tray

No

0.031 In

0.80 mm

0.031 In

0.80 mm

30.4

0.76

30.4

0.76

Yes

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
75759Series

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 2	0622029970
SFP Stacked Multi-Port Extraction Tool, 2 by 2	0622029975

Polarized to PCB	Yes
Ports	4
Surface Mount Compatible (SMC)	Yes
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
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

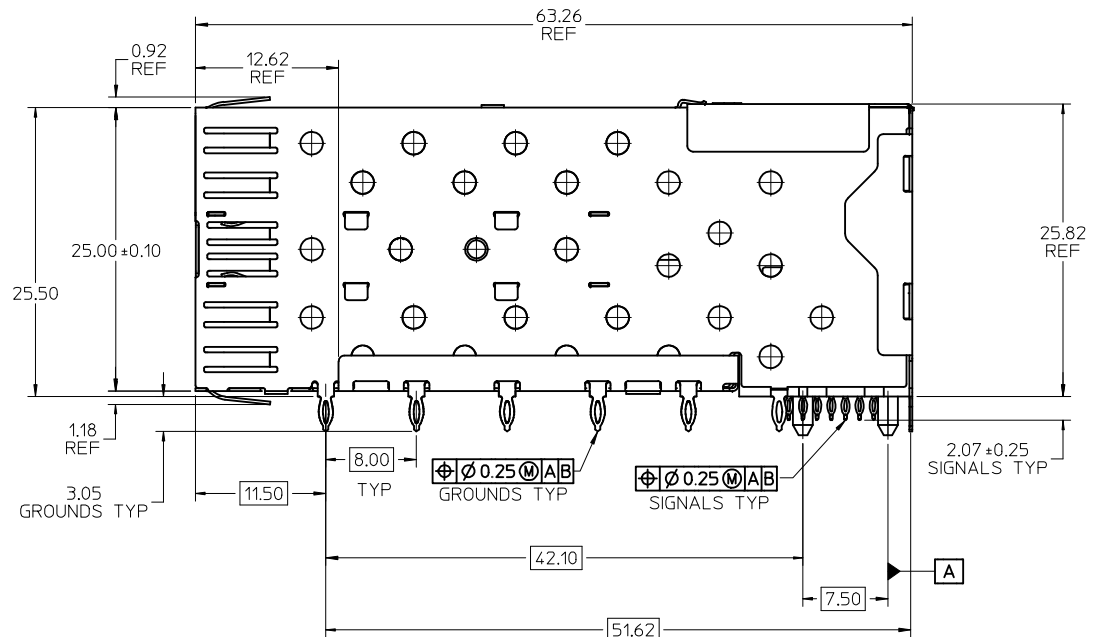
Material Info

Reference - Drawing Numbers

Application Specification	AS-75310-001
Packaging Specification	PK-75714-001
Product Specification	PS-75310-001
Sales Drawing	SD-75759-001

This document was generated on 05/28/2010

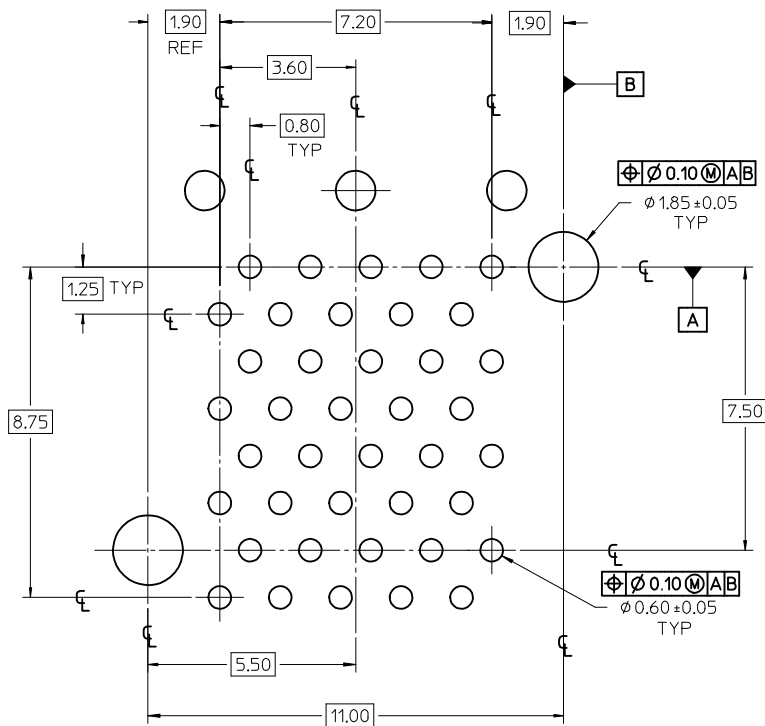
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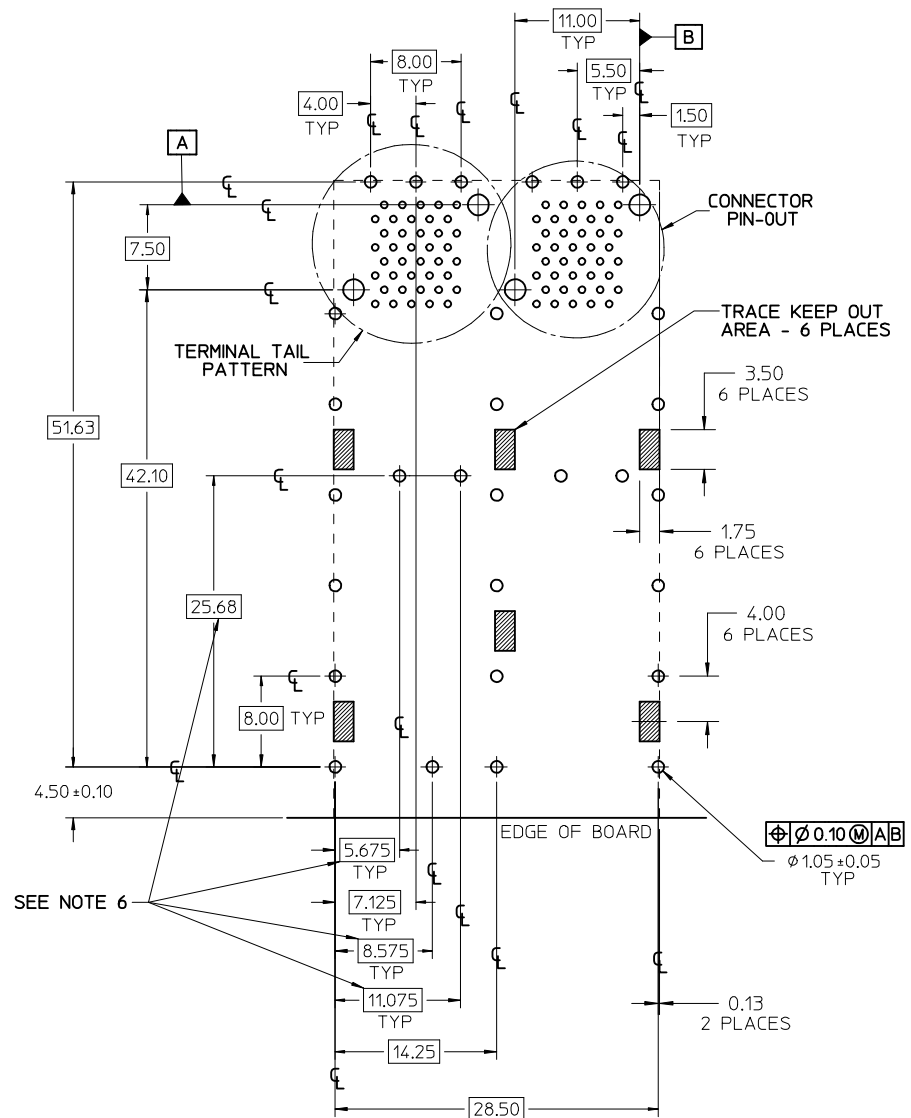
Technical drawing of a rectangular container, showing a top view and a side view. The drawing includes dimensions and features:

- Top View Dimensions:**
 - Overall width: 28.75
 - Overall height: 14.25
 - Reference dimensions: 0.92 REF (top and bottom), 7.25 REF (left side).
 - Internal width: 25.25
 - Internal height: 11.00 TYP
 - Internal width segments: 0.80 TYP, 1.90 TYP, 7.20 TYP, 3.60 TYP, 5.50 TYP.
 - Internal width segment: 1.25 TYP.
 - Internal width segment: 8.75 TYP.
- Side View Dimensions:**
 - Overall height: 25.25
 - Internal height: 11.00 TYP
 - Internal height segments: 0.80 TYP, 1.90 TYP, 7.20 TYP, 3.60 TYP, 5.50 TYP.
 - Internal height segment: 1.25 TYP.
 - Internal height segment: 8.75 TYP.
- Features:**
 - Four circular holes in the top view, labeled $\phi 1.75$ and 4 PLACES.
 - Four circular holes in the side view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the bottom view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the front view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the back view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the top view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the side view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the bottom view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the front view, labeled $\phi 0.25$ and 4 PLACES.
 - Four circular holes in the back view, labeled $\phi 0.25$ and 4 PLACES.

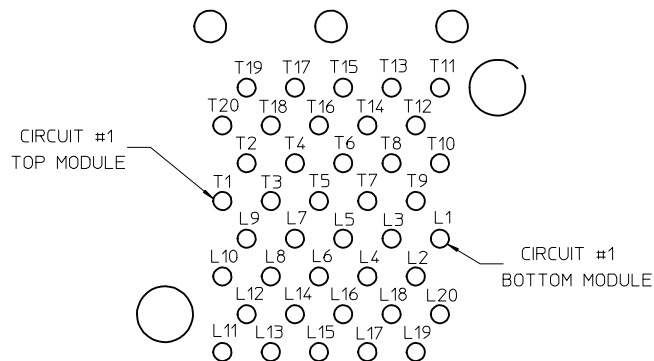
ADD KEEP OUT ZONES EC NO: UFP2010-0369 DRAWINGS: BARRA CHICK BARBER APPR: SKILLER 6/9/10/9 2009/08/126 2009/08/127	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		▽=0 ▽=0	mm	INCH	DRAWN BY JLONG	DATE 01-28-2005	TITLE STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES		
		4 PLACES ± --- ± ---	CHECKED BY JLONG	DATE 01-28-2005					
		3 PLACES ± --- ± ---	APPROVED BY RNELSON	DATE 02-15-2005	MOLEX MOLEX INCORPORATED				
		2 PLACES ± 0.13 ± ---	MATERIAL NO.	DOCUMENT NO.					
1 PLACE ± 0.25 ± ---	ANGULAR ± 5 °		SEE TABLE		SD-75759-001		SHEET NO. 1 OF 3		
REV	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							



TERMINAL TAIL PATTERN
SCALE 10:1

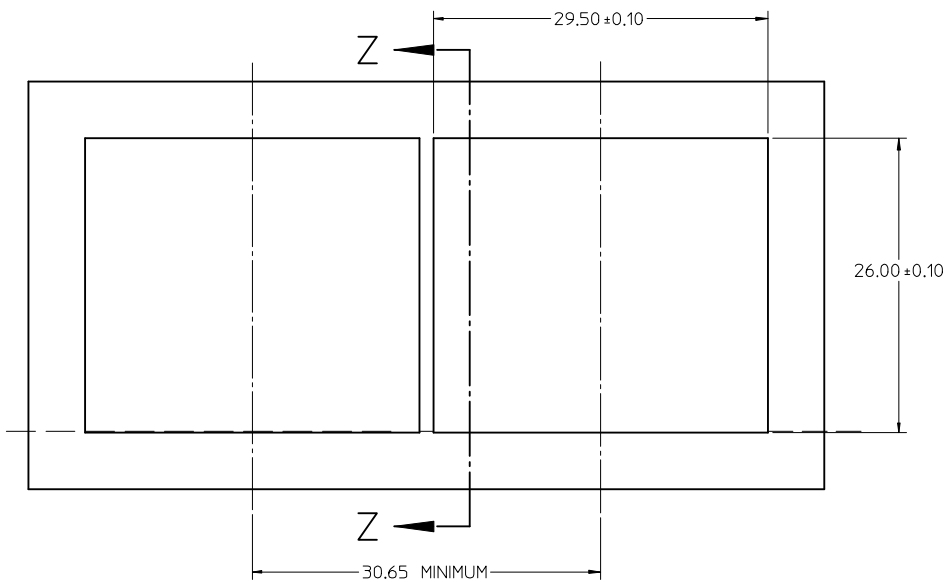


RECOMMENDED PCB LAYOUT - COMPONENT SIDE
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
THIS AREA IS INDICATED BY THE DASHED LINE

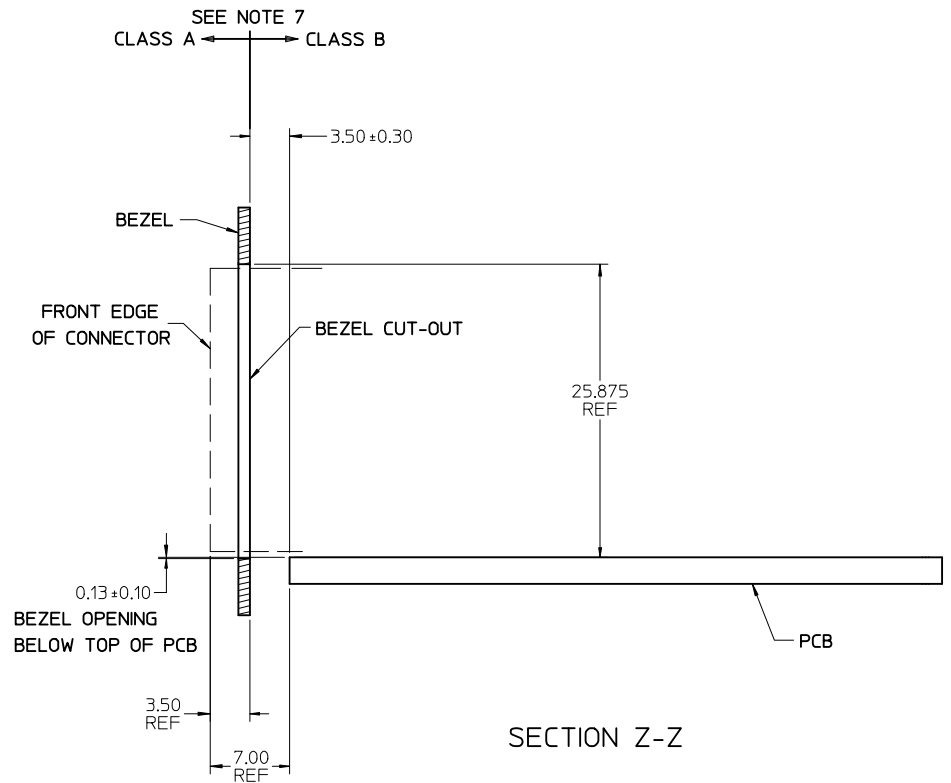


CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD

ADD KEEP OUT ZONES EC NO: UCP2010-0369 6/9/09 DRWN:MSIBARRA CHKD:BBARKER APPR:SMILLER 2009/08/26 2009/08/27	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □	
				mm	INCH	DRAWN BY JLONG	DATE 01-28-2005	TITLE STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES		
			4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 01-28-2005			
			3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 02-15-2005			
			2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
			1 PLACE	± 0.25	± ---	SEE TABLE		SD-75759-001		2 OF 3
			ANGULAR ± 5 °		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 CUT-OUT CENTER SPACING DETAIL
BEZEL THICKNESS: 0.8 - 2.6



SEE SHEET 1 EC NO: UCP2010-0369 6/9/09 DRAWN:MSI BARRA CHKD:BBARKER APPR:SMILLER 2009/08/26 2009/08/27	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES		
				mm	INCH	DRAWN BY JLONG	DATE 01-28-2005					
			4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 01-28-2005					
			3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 02-15-2005	molex MOLEX INCORPORATED				
			2 PLACES	± 0.13	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
			1 PLACE	± 0.25	± ---	SEE TABLE		SD-75759-001			3 OF 3	
			ANGULAR ± 5 °									
			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							



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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