

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0757595001

Status:

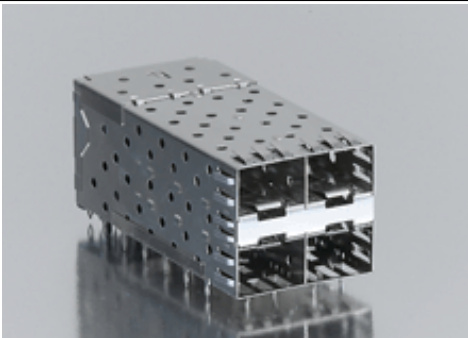
Active

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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12

11

10

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7

6

5

4

3

2

1

12.22±0.10
TYP6.91±0.10
TYP3.40
PEGS14.00±0.10
TYP9.00±0.10
TYP6.50
REF9.00±0.10
TYP7.125
TYP

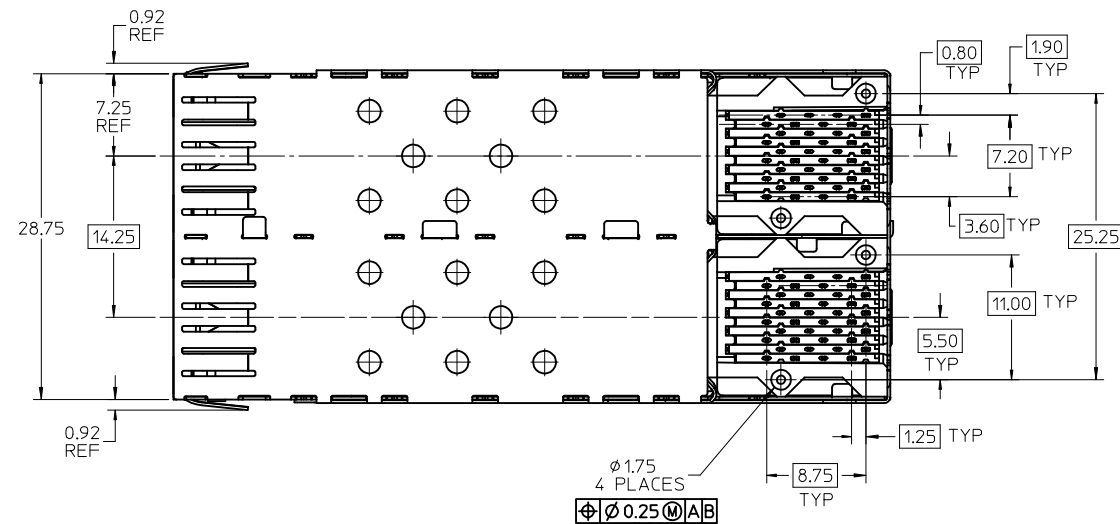
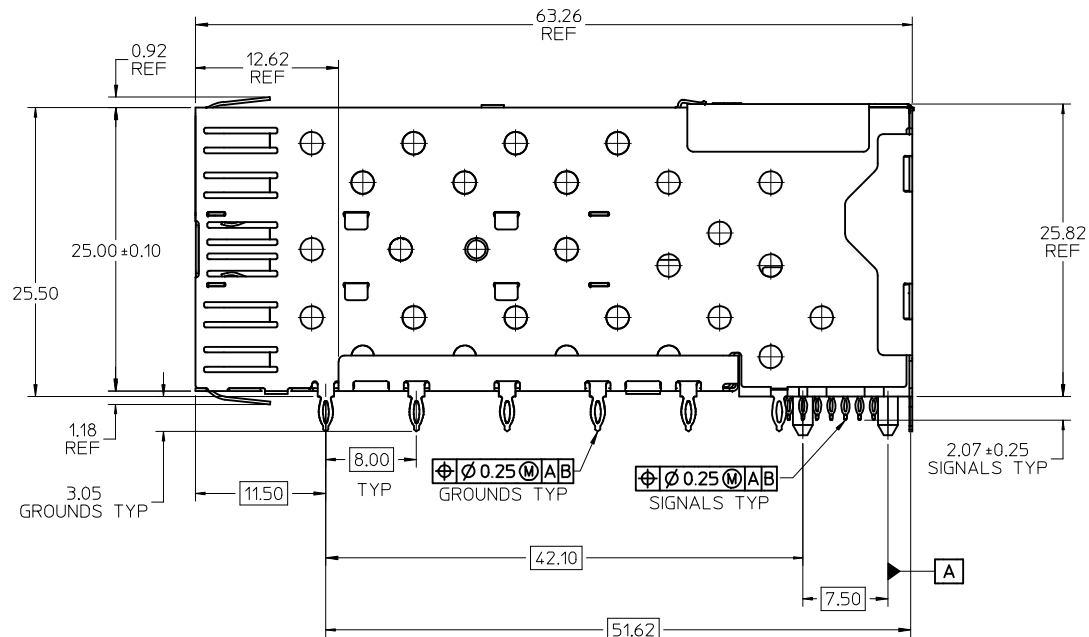
14.25

8.00
TYP

1.625

4.00
TYP11.00
TYP

28.50



NOTES:

1. MATERIAL:

CAGE: NICKEL SILVER, THICKNESS: 0.25mm

CONNECTOR HOUSING: GLASS FILLED HIGH TEMP PLASTIC, 94 V-0

COLOR: BLACK

OVERMOLDED TERMINAL HOUSING: GLASS FILLED HIGH TEMP PLASTIC,

94 V-0, COLOR: BLACK

TERMINALS: TIN BRASS

LIGHT PIPES: POLYCARBONITE, 94 V-0, COLOR: CLEAR

LIGHT PIPE HOUSING: ZINC

2. FINISH:

LIGHT PIPE HOUSING: 150 MICROMETERS NICKEL OVER 150 MICROMETERS COPPER

TERMINALS: CONTACT AREA: 0.76 MICROMETERS MINIMUM HARD GOLD

OVER 1.27 MICROMETERS NICKEL.

COMPLIANT TAIL - TIN/LEAD OPTION: 0.76 - 1.52 MICROMETERS 90/10 TIN/LEAD

OVER 0.76 - 1.52 MICROMETERS NICKEL

COMPLIANT TAIL - TIN OPTION: 0.76 - 1.52 MICROMETERS TIN

OVER 0.76 - 1.52 MICROMETERS NICKEL

3. REFER TO PS-75310-001 PRODUCT SPEC FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.

4. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW-PROFILE LED PACKAGE, FOR OTHER RECOMMENDED LAYOUTS REFER TO MOLEX'S REPORT TS-75310-001.

5. REFER TO PK-75714-001 FOR ALL PACKAGING SPECIFICATIONS.

6. THE CURVED TAILS THAT GO INTO THE HOLES LOCATED BY THESE DIMENSIONS ARE BEING ELIMINATED. TO ACCOMMODATE THIS CONVERSION, IT IS RECOMMENDED THAT BOARDS DESIGNED TO THIS PRINT REVISION INCLUDE THESE HOLES.

7. PART COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.

SEE SHEET 3 SECTION Z-Z FOR SURFACE CLASSIFICATIONS.

UNDERSIDE OF CAGE COMPLIES WITH CLASS "C".

757595001	TIN
757590001	TIN / LEAD
MATERIAL NO.	TERMINAL PLATING

ADD KEEP OUT ZONES EC NO: UCP2010-0369 DRWN:MS BARRA 6/9/09 CHKD:BBARKER 2009/08/26 APPR:SMILLER 2009/08/27 REV 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 DATE JLONG 01-28-2005		TITLE STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES		
		4 PLACES	± ---	± ---	CHECKED BY DATE JLONG 01-28-2005				
		3 PLACES	± ---	± ---	APPROVED BY DATE RNELSON 02-15-2005		molex MOLEX INCORPORATED		
		2 PLACES	± 0.13	± ---	MATERIAL NO.				
1 PLACE	± 0.25	± ---	SEE TABLE		SD-75759-001		1 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			

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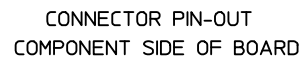
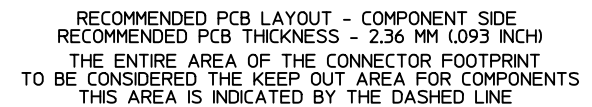
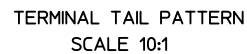
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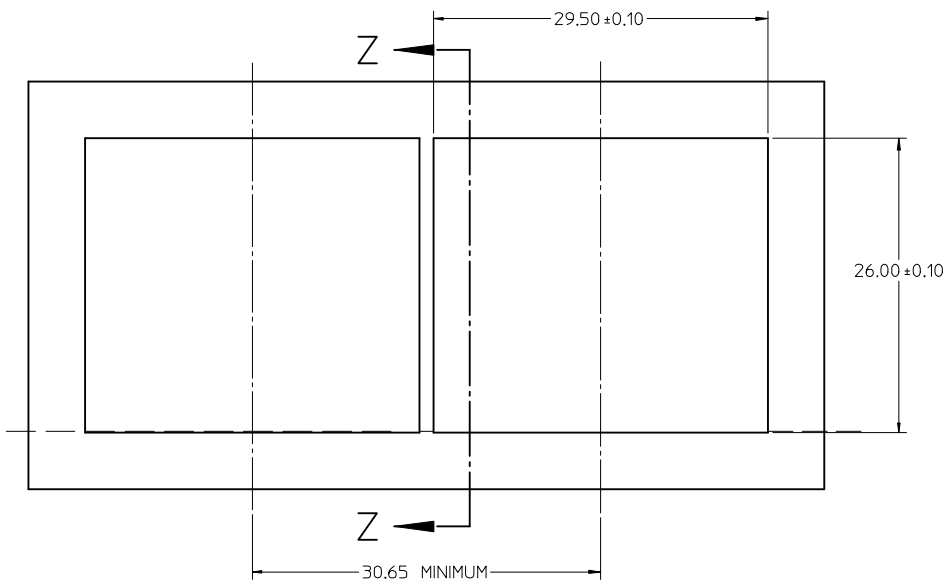
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2

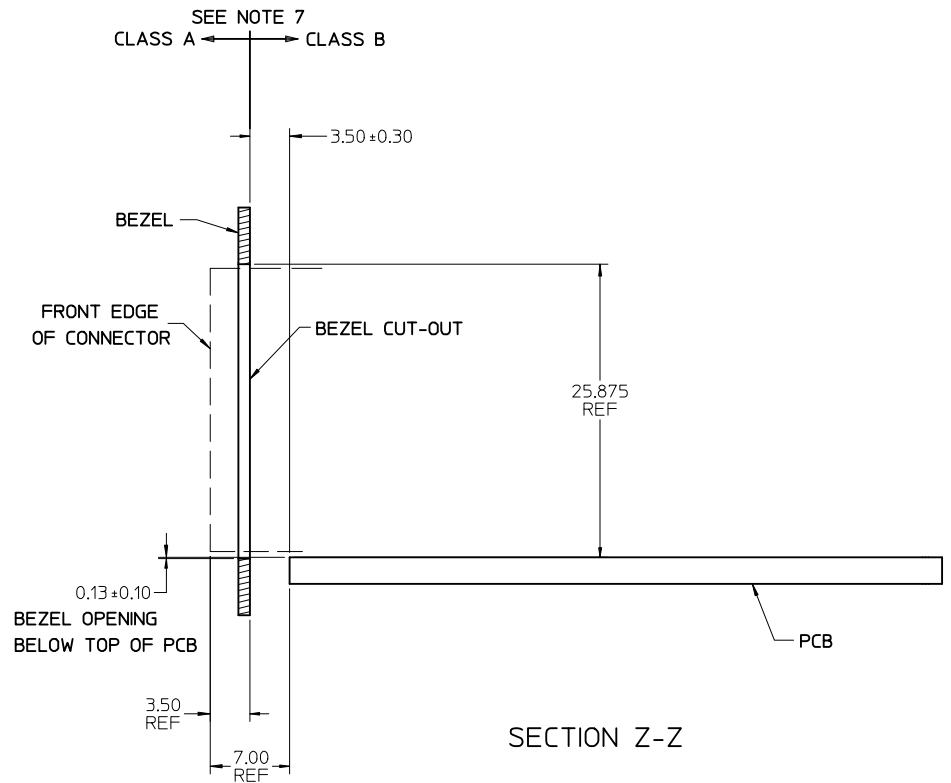
1



ADD KEEP OUT ZONES EC NO: UC2010-0369 DRAWINGS (BARRA) CHKD:BARBER APPR:SMILLER 6/9/09 2009/08/126 2009/08/126	DESCRIPTION ▼=0 ▽=0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □			
				mm	INCH	DRAWN BY	DATE	TITLE	STACKED SFP 2X2 MEDIUM HEIGHT ASS'Y, PRESS-FIT TAIL WITHOUT LIGHT PIPES				
			4 PLACES	± ---	± ---	JLONG	01-28-2005						
			3 PLACES	± ---	± ---	CHECKED BY	DATE		MOLEX MOLEX INCORPORATED				
			2 PLACES	± 0.13	± ---	JLONG	01-28-2005						
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			ANGULAR ± 5 °			RNELSON		02-15-2005	SD-75759-001		2 OF 3		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE							
						SIZE (		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	DATE	MOLEX MOLEX INCORPORATED			
					4 PLACES	± ---	± ---	JLONG	01-28-2005				
					3 PLACES	± ---	± ---	CHECKED BY	DATE				
					2 PLACES	± 0.13	± ---	JLONG	01-28-2005				
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE					
					ANGULAR ± 5 °		RNELSON	02-15-2005					
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				SEE TABLE			SD-75759-001		3 OF 3				
					SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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