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Part Number:

0760650001

Status:

Obsolete

Overview:

sfp_stacked_multiport_connectors

Description:

Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-2 Multi-Port Press Fit Connector without Lightpipe Ports, EMI Metal Gasket, 80 Circuits, Tin (Sn)/Lead(Pb) Tails

Documents:

[Drawing \(PDF\)](#)

Agency Certification

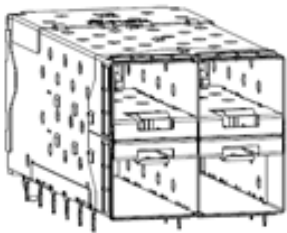
CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	76065
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)	80
Circuits (maximum)	80
Circuits Detail	80
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

76065Series

Use With

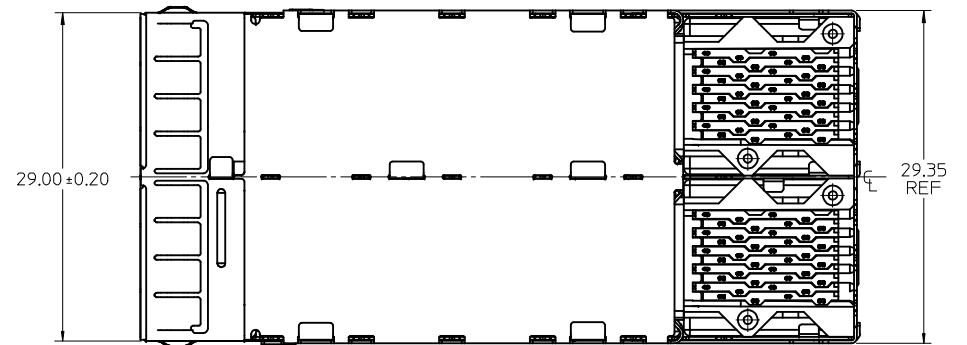
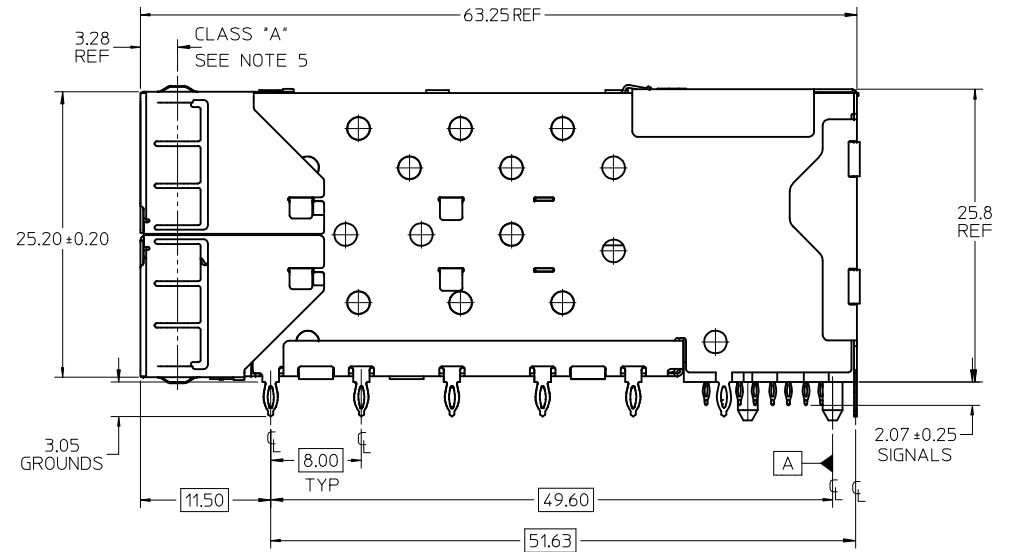
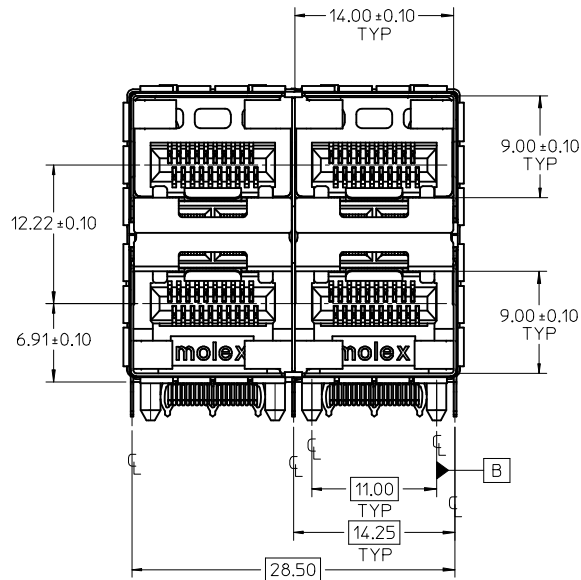
0759510999 SFP Dust Plug,

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 Mating Part	Yes
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
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-75714-001
Product Specification	PS-75310-001
Sales Drawing	SD-76065-001

This document was generated on 06/04/2010

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NOTES

1. MATERIAL:

CAGE: NICKEL SILVER, THICKNESS: 0.25mm
EMI METAL GASKET: PHOS-BRONZE
CONNECTOR HOUSING: GLASS FILLED HIGH TEMP PLASTIC, 94 V-0
COLOR BLACK
OVERMOLDED TERMINALS HOUSING: GLASS FILLED HIGH TEMP PLASTIC,
94 V-0, COLOR: BLACK
TERMINALS: TIN BRASS

2. FINISH:

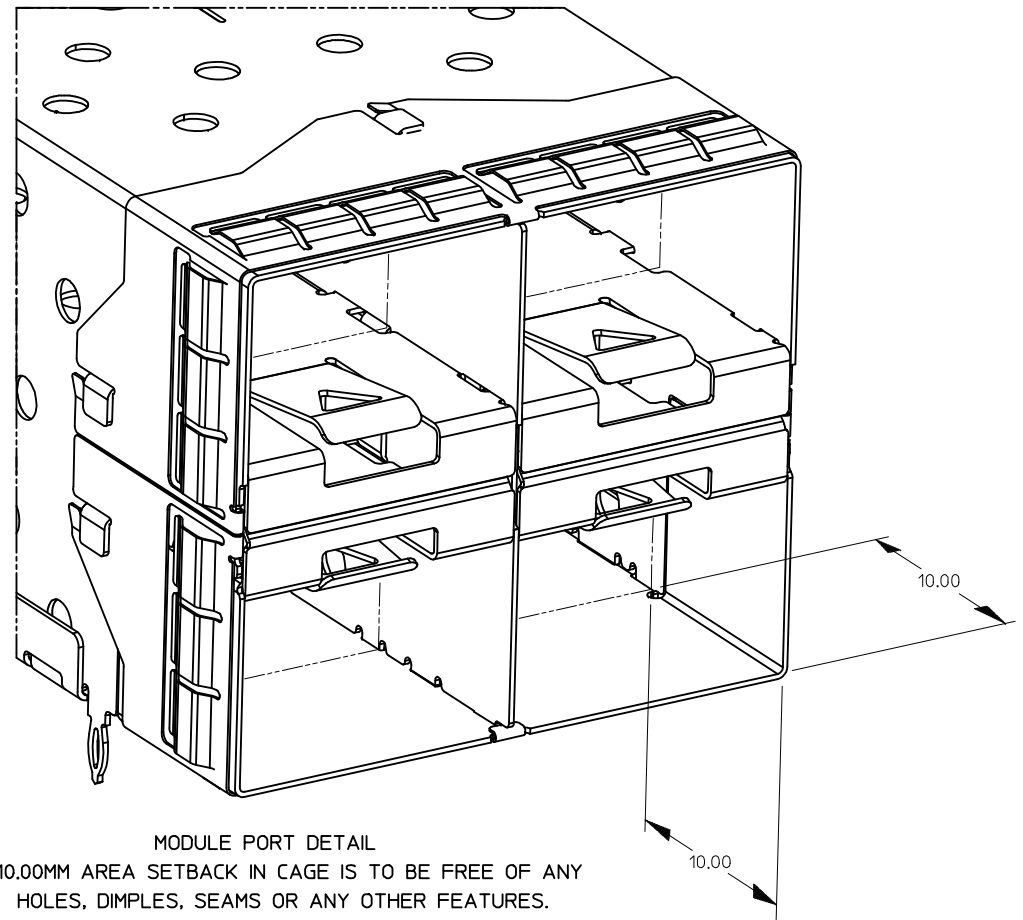
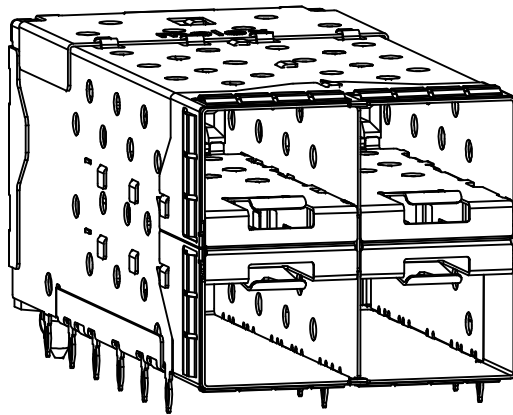
LIGHT PIPE HOUSING: 150 MICRONS NICKEL OVER 150 MICRONS COPPER
TERMINAL: CONTACT AREA: 0.76 MICRONS MIN, HARD GOLD OVER
1.27 MICRONS MIN. NICKEL.
COMPLIANT TAIL - TIN/LEAD OPTION: 0.76 - 1.52 MICRONS 90/10 TIN/LEAD
OVER 0.76 - 1.52 MICRONS NICKEL
COMPLIANT TAIL - TIN OPTION: 0.76 - 1.52 MICRONS TIN
OVER 0.76 - 1.52 MICRONS NICKEL
EMI METAL GASKET: 2.54 MICRONS NICKEL OVERALL

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

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

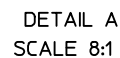
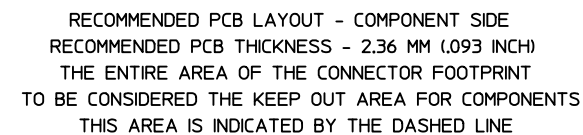
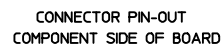
5. ALL EXTERIOR SURFACES TO BE CLASS 'B' SURFACE EXCEPT THE UNDER SIDE OF THE CAGE WHERE THE PCB WOULD BE LOCATED AND AS NOTED. THE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.

ADD KEEP-OUT ZONES		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2009-1356		DRAWN BY: MSANDBERG		mm		MM ONLY		3:1		METRIC		TITLE	
2009/08/04		2009/08/06		4 PLACES ± ---		DATE		10-23-06		MOLEX INCORPORATED		SD-76065-001	
DRWN:MSANDBERG		CHKD:BBARKER		3 PLACES ± ---		CHECKED BY		DATE		1 OF 4		SHEET NO.	
2009/08/06		2009/08/06		2 PLACES ± 0.13		JLONG		10-23-06		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
APPR:SMILLER				1 PLACE ± 0.25		APPROVED BY		DATE					
				ANGULAR ± 5 °		RNELSON		10-23-06					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART					
						SIZE							



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

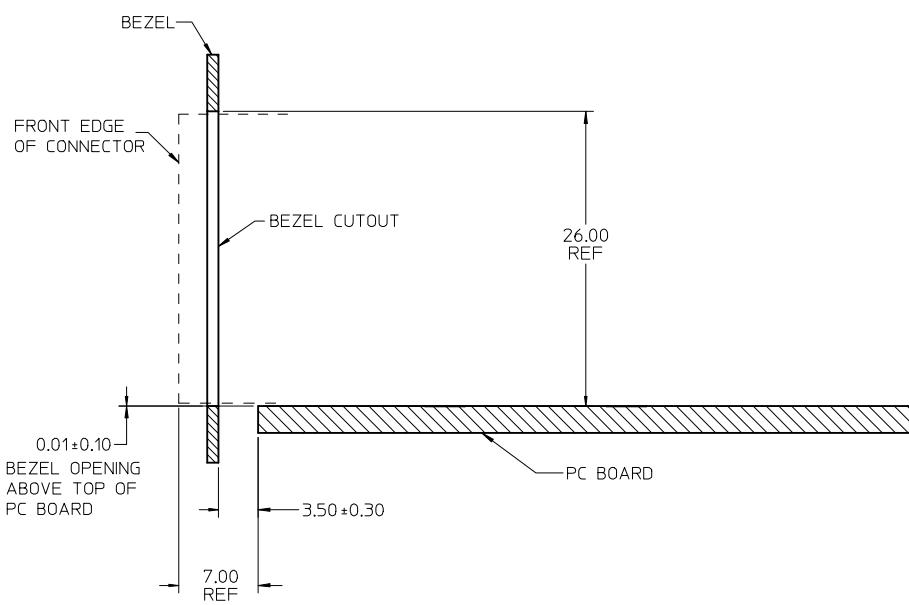
SEE SHEET 1 EC NO: UCP2009-1356 DRAWN:MSI BARRA 2009/08/04 CHKD:BBARKER 2009/08/06 APPR:SMILLER 2009/08/06	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	STACKED SFP+ 2X2 ASS'Y WITH METAL EMI GASKET
					mm	INCH	DRAWN BY MSANDBERG	DATE 10-23-06	TITLE		
				4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 10-23-06			
				3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 10-23-06			
				2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 4
				1 PLACE	± 0.25	± ---	SEE CHART		SD-76065-001		
				ANGULAR ± 5 °		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							



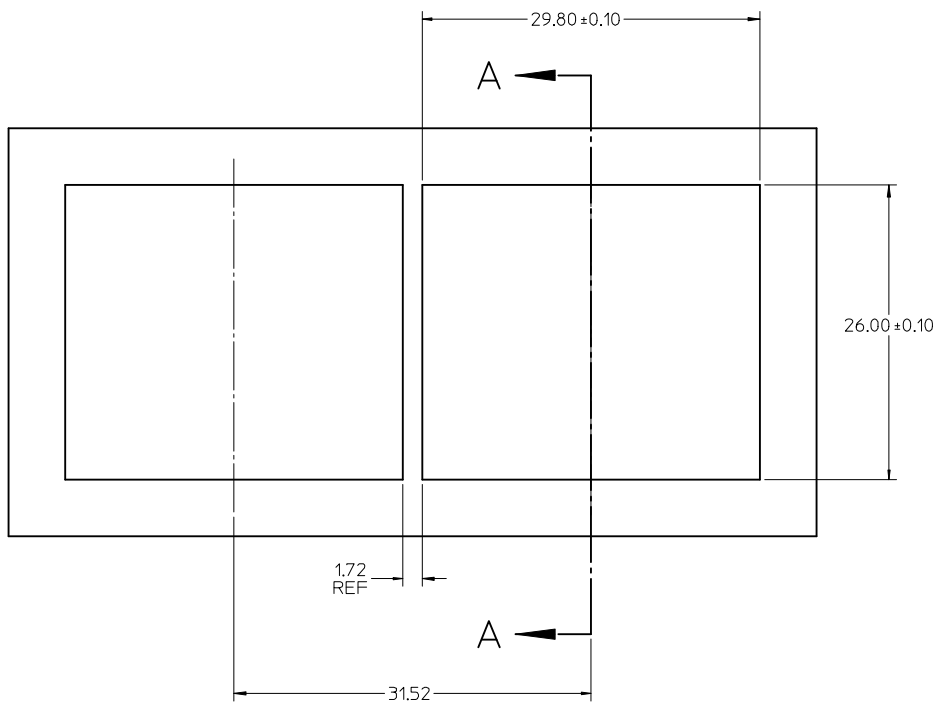
tb_frame_C_P_AM_T
Rev. D 2004/06/28

13 12 11 10 9 8 7 6 5 4 3 2 1

J
I
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D
C
B
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SECTION A-A



BEZEL CUT-OUT CENTER SPACING DETAIL
BEZEL THICKNESS: 0.8 - 2.6

SEE SHEET 1 EC NO: UCP2009-1356 2009/08/04 DRWN:MSI BARRA CHKD:BBARKER 2009/08/06 APPR:SMILLER 2009/08/06	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY MSANDBERG	DATE 10-23-06	TITLE STACKED SFP+ 2X2 ASS'Y WITH METAL EMI GASKET			
					CHECKED BY JLONG	DATE 10-23-06				
					APPROVED BY RNELSON	DATE 10-23-06				
			ANGULAR ± 5 °		MOLEX MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO. SD-76065-001			SHEET NO. 4 OF 4
					SEE CHART					
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А