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Part Number:

0754625001

Status:

Active

Overview:

sfp_stacked_connectors

Description:

Small Form-factor Pluggable (SFP) Stacked 2-by-1 Multi-Port Connector with Press-fit PC Tails, 40 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	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	75462
Application	Module-to-Board
Component Type	Receptacle
Overview	sfp_stacked_connectors
Product Name	SFP
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.084 In
PC Tail Length (mm)	2.07 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.092 In
PCB Thickness Recommended (mm)	2.36 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
Polarized to Mating Part	Yes

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
75462Series

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 Insertion Tool, 20622029910	
x 1 Medium	
SFP Extraction Tool, 0622029930	
2 x 1 Medium	

Polarized to PCB	Yes
Ports	2
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
Shield Type	EMI Fingers
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

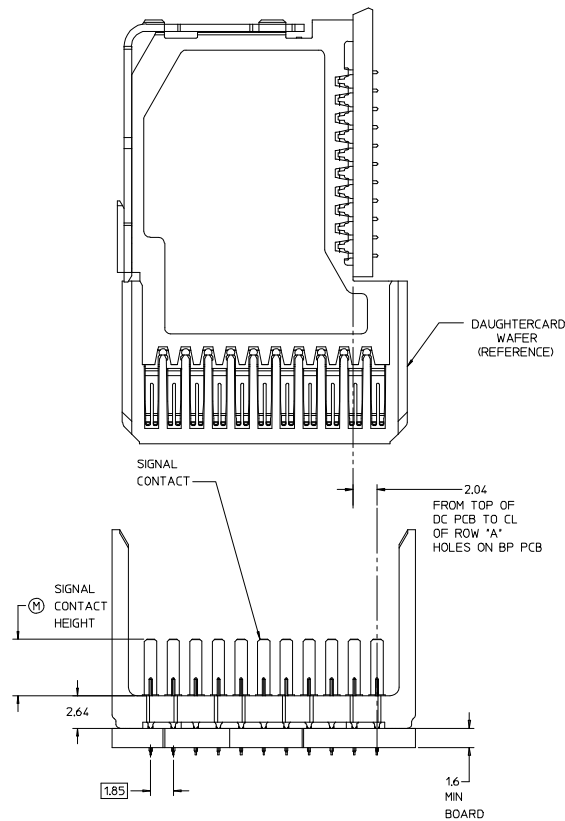
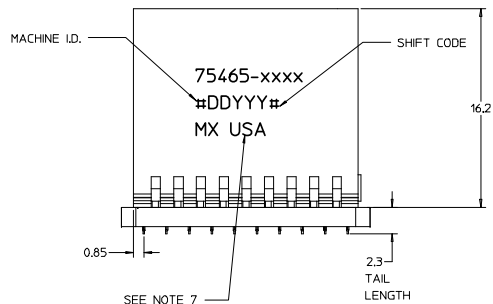
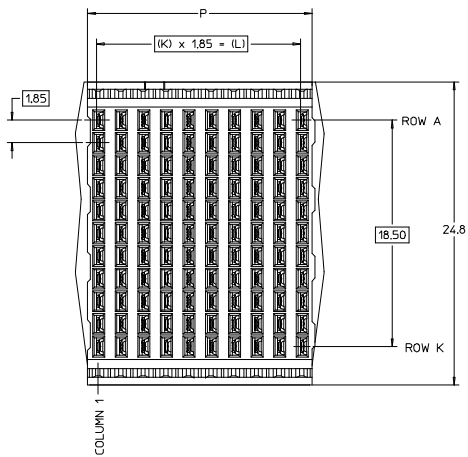
Reference - Drawing Numbers

Application Specification	AS-75310-001
Packaging Specification	PK-75462-001
Product Specification	PS-75310-001
Sales Drawing	SD-75462-100

This document was generated on 05/28/2010

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20 19 18 17 16 15 14 13 12 11 75465 9 8 7 6 5 4 3 2 1

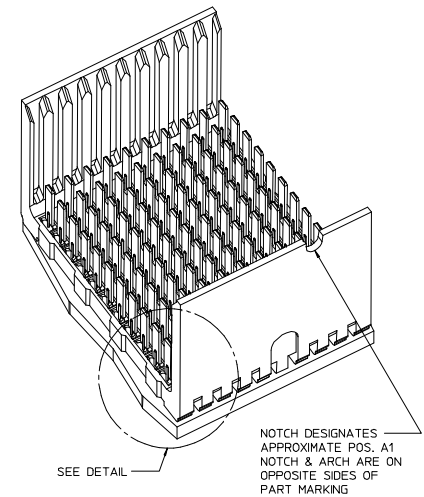
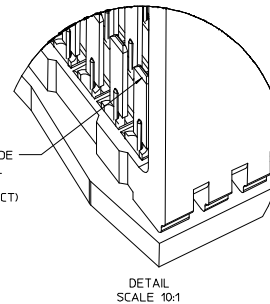
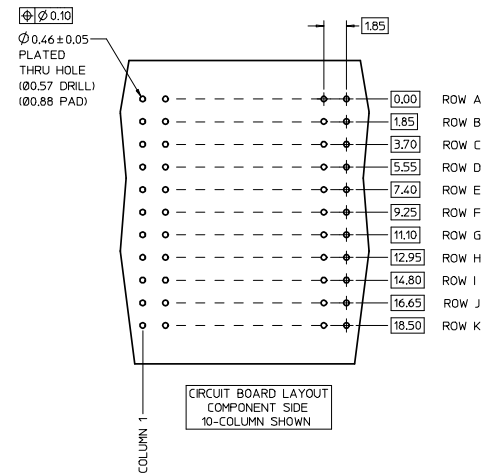


75465-***0*		PIN LENGTH DIM "M"
COLUMNS 01-10 02-25 05- 5	3	3.55 mm (30µ Au)
	4	4.55 mm (30µ Au)
	5	5.55 mm (30µ Au)
	7	3.55 mm (50µ Au)
	8	4.55 mm (50µ Au)
	9	5.55 mm (50µ Au)
KEYING POSITION NONE = 0		

NOTES:

1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY. SIGNAL CONTACT - HIGH PERFORMANCE COPPER ALLOY.
2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA, SELECTIVE TIN/LEAD (Sn/Pb) ON PCB TAILS, NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
5. 10 COLUMN 4 PAIR L-SERIES SHOWN FOR ILLUSTRATION PURPOSES ONLY.
6. PACKAGE PER PK-70873-563.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
8. THIS PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF CONTACTS
75465-010*	9	16.65	18.35	110
75465-020*	24	44.40	46.10	275
75465-050*	4	7.40	9.10	55



REVISED (MINOR) EC NO: UCP2008-2538 DRAWN: BINGHAM 2008/04/15 CHKD: 2008/04/16 APPR: LAURX 2008/04/25		QUALITY SYMBOLS ▽ = 0 ◻ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
DESCRIPTION			mm		INCH		DIMENSION STYLE MM ONLY		TITLE GBX 4-PAIR L-SERIES OPEN END BACKPLANE SALES ASSEMBLY DRAWING MOLEX MOLEX INCORPORATED		
			4 PLACES ± ---		± ---		DRAWN BY DATE				
			3 PLACES ± ---		± ---		NMARTIN 2004/05/13				
			2 PLACES ± 0.13		± ---		CHECKED BY DATE				
A3		1 PLACE ± 0.25		± ---		SREED 2004/05/13		SD-75465-010			
		ANGULAR ± ---°		APPROVED BY DATE		MATERIAL NO. DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE		CBIXLER 2004/05/13		SEE CHART		1 OF 1			
REV		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						D	

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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

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- 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;
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- 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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