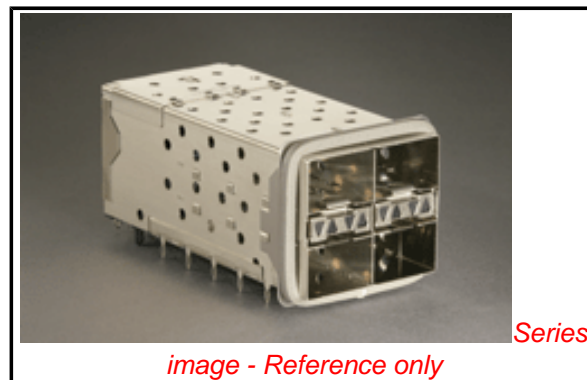


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Part Number: [76091-5001](#)
Status: **Active**
Overview: [SFP+ Stacked Multi-Port Connectors](#)
Description: Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-2 Multi-Port Connector with 4 Lightpipe Ports, Elastomeric Gasket, 80 Circuits, Tin (Sn) Tails

Documents:

3D Model	Application Specification AS-76090-001 (PDF)
Drawing (PDF)	Packaging Specification PK-75714-001 (PDF)
Product Specification PS-75310-001 (PDF)	Test Summary TS-76092-999 (PDF)
Application Specification AS-75310-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	76091
Application	Module-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	SFP+ Stacked Multi-Port Connectors
Product Name	SFP Plus
Type	N/A
UPC	800756878065

Physical

Boot Color	N/A
Circuits (Loaded)	80
Circuits (maximum)	80
Circuits Detail	80
Color - Resin	Black, Clear (Blue Tint)
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
Material - Resin	High Temperature Thermoplastic, Polycarbonate
Net Weight	51.632/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.07mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes

EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen

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

[76091Series](#)

Use With

[75951-0999 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 #
Stacked Multi-Port Extraction Tool, 2 by 2	0622029975
Stacked Multi-Port Connector Tooling	0622030160

Polarized to PCB	Yes
Ports	4
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
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, AS-76090-001
Electrical Model Document	EE-76090-001
Packaging Specification	PK-75714-001
Product Specification	PS-75310-001
S-Parameter Model	SP-76090-001
Sales Drawing	SD-76091-001
Test Summary	TS-76092-999

This document was generated on 04/22/2014

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