

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0760455002

Status:

Active

Overview:

SFP+ and SFP Interconnect Solutions

Description:

Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-2 Multi-Port Connector with 2 Inner Lightpipe Ports, EMI Metal Gasket, 80 Circuits, Tin (Sn) Tails

Documents:

- 3D Model

Application Specification AS-76090-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-75714-001-001 (PDF)
- Application Specification AS-75310-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-75310-001-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

I/O Connectors

Series

76045

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

SFP+ and SFP Interconnect Solutions

Product Name

SFP Plus

Type

N/A

UPC

883906494919

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

50.387/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

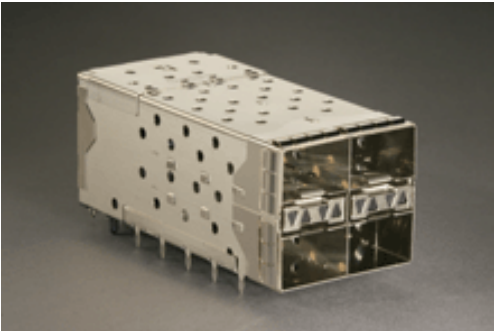
0.762µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76045 Series

Use With

75951-0999 SFP Dust Plug

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° 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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-75310-001, AS-75310-001-001, AS-76090-001-001
Electrical Model Document	EE-76090-001
Packaging Specification	PK-75714-001-001
S-Parameter Model	SP-76090-001
Sales Drawing	SD-76045-001

This document was generated on 10/11/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[76045-5002](#)