

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0754515002

Status:

Active

Overview:

SFP+ and SFP Interconnect Solutions

Description:

Small Form-factor Pluggable (SFP) Stacked 2-by-6 Multi-Port Connector with 2 Inner Lightpipes, with Press-fit PC Tails, 240 Circuits, Lead-Free

Documents:

- 3D Model

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

Packaging Specification PK-75451-001-001 (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

75451

Application

Module-to-Board

Comments

With 2 Inner Lightpipes

Component Type

Receptacle

Overview

SFP+ and SFP Interconnect Solutions

Product Name

SFP

Type

N/A

UPC

822350126007

Physical

Circuits (Loaded)

240

Circuits (maximum)

240

Color - Resin

Black, Clear (Blue Tint)

Durability (mating cycles max)

200

Flammability

94V-0

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

146.342/g

Orientation

Right Angle

PC Tail Length

3.05mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

2.40mm

Packaging Type

Tray

Panel Mount

No

Pitch - Mating Interface

0.80mm

Plating min - Mating

0.762µm

Plating min - Termination

0.762µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +85°C

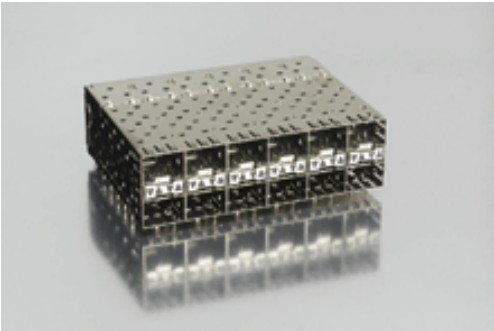
Termination Interface: Style

Through Hole - Compliant Pin

Waterproof / Dustproof

No

Electrical



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

75451 Series

Use With

75951-0999 SFP Dust Plug

|                                    |                                                  |
|------------------------------------|--------------------------------------------------|
| Current - Maximum per Contact      | 0.5A                                             |
| Shield Type                        | EMI Fingers                                      |
| Shielded                           | Yes                                              |
| Voltage - Maximum                  | 30V                                              |
| <b>Solder Process Data</b>         |                                                  |
| Lead-freeProcess Capability        | N/A                                              |
| <b>Material Info</b>               |                                                  |
| <b>Reference - Drawing Numbers</b> |                                                  |
| Application Specification          | AS-75310-001, AS-75310-001-001, AS-76090-001-001 |
| Packaging Specification            | PK-75451-001-001                                 |
| Sales Drawing                      | SD-75451-001                                     |

This document was generated on 10/02/2018

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

# Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[75451-5002](#)