molex

Part Number : 760465003

Product Description : Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-4 Multi-Port Connector with 2 Outer Lightpipe Ports, EMI Metal Gasket, 160 Circuits, Tin (Sn) Tails

Series Number : 76046

Status : Active

Product Category : High-Speed I/O Connectors
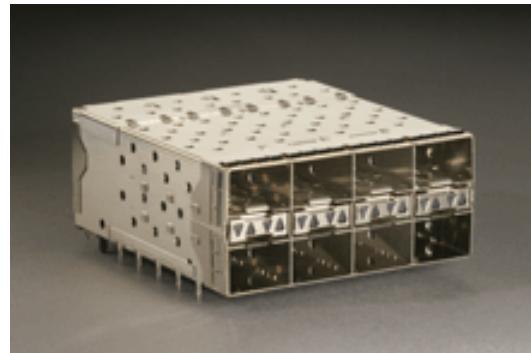
Documents & Resources

Drawings
760465003_sd.pdf

3D Models and Design Files
760465003_stp.zip
EE-76090-001-001.pdf
SP-76090-001-001.zip

Specifications
AS-75310-001-001.pdf
AS-76090-001-001.pdf
PK-75450-001-001.pdf
PS-75310-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2022)4187-DC (10 June 2022)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

<u>Multiple Part Industry Compliance Documents</u>
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

<u>EU RoHS Certificate of Compliance</u>

Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	76046
Description	Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-4 Multi-Port Connector with 2 Outer Lightpipe Ports, EMI Metal Gasket, 160 Circuits, Tin (Sn) Tails
Application	Module-to-Board
Component Type	Receptacle
Product Name	SFP Plus
Type	Pluggable
UPC	883906494964

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.5A
Data Rate	10.0 Gbps
Grounding to Panel	None
Shield Type	EMI Gasket
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Physical

Boot Color	N/A
Circuits Detail	160
Circuits (Loaded)	160
Circuits (maximum)	160
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	95.955/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PC Tail Length	2.07mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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
Ports	8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Waterproof / Dustproof	No

Solder Process Data

Lead-Free Process Capability	N/A

This document was generated on Oct 14, 2024