molex

Part Number : 754545001

Product Description : Small Form-factor Pluggable (SFP) Stacked 2-by-4 Multi-Port Connector with Press-fit PC Tails, 160 Circuits, Lead-Free

Series Number : 75454

Status : Active

Product Category : High-Speed I/O Connectors

Documents & Resources

Drawings
Drawing 754545001_sd.pdf

3D Models and Design Files
3D Model 754545001_stp.zip

Specifications
Application Specification AS-75310-001-001.pdf
Application Specification AS-76090-001-001.pdf
Packaging Specification PK-75450-001-001.pdf
Product Specification 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(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance
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Part Details

General

Status	Active
Category	High-Speed I/O Connectors
Series	75454
Description	Small Form-factor Pluggable (SFP) Stacked 2-by-4 Multi-Port Connector with Press-fit PC Tails, 160 Circuits, Lead-Free
Application	Module-to-Board
Component Type	Receptacle
Product Family	SFP+ and SFP Interconnect Solutions
Product Name	SFP
Type	Pluggable
UPC	822350235488

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.5A
Data Rate	10.0 Gbps
Shield Type	EMI Fingers
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Physical

Boot Color	N/A
Circuits (Loaded)	160

Circuits (maximum)	160
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
Net Weight	85.072/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

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