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Part Number: [0760465002](#)
Status: **Active**
Overview: SFP+ and SFP Interconnect Solutions
Description: Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-4 Multi-Port Connector with 2 Inner Lightpipe Ports, EMI Metal Gasket, 160 Circuits, Tin (Sn) Tails

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-76090-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-75450-001-001 (PDF) |
| Application Specification AS-75310-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

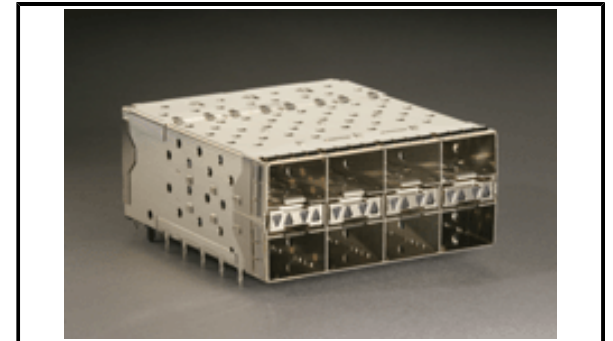
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|------------------|---|
| Product Family | I/O Connectors |
| Series | 76046 |
| Application | Module-to-Board |
| Component Type | Receptacle |
| Electrical Model | Yes |
| Overview | SFP+ and SFP Interconnect Solutions |
| Product Name | SFP Plus |
| Type | N/A |
| UPC | 883906494957 |

Physical

| | |
|--------------------------------|---|
| Boot Color | N/A |
| Circuits (Loaded) | 160 |
| Circuits (maximum) | 160 |
| Circuits Detail | 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 |
| 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 |
| Ports | 8 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76046 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-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|---|
| Application Specification | AS-75310-001-001, AS-76090-001-001 |
| Electrical Model Document | EE-76090-001 |
| Packaging Specification | PK-75450-001-001 |
| S-Parameter Model | SP-76090-001 |
| Sales Drawing | RSD-76046-0003, SD-76046-0003, SD-76046-001 |

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