



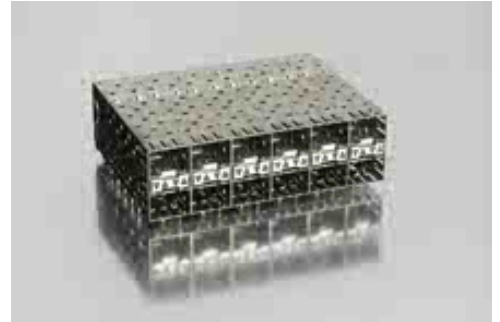
Part Number : [754515002](#)

Product 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

Series Number : 75451

Status : Active

Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

[754515002_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[AS-75310-001-001.pdf](#)


[AS-76090-001-001.pdf](#)

[PK-75451-001-001.pdf](#)

[PS-75310-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | High-Speed I/O Connectors |
| Series | 75451 |
| 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 |
| Application | Module-to-Board |
| Comments | With 2 Inner Lightpipes |
| Component Type | Receptacle |
| Product Name | SFP |
| Type | Pluggable |
| UPC | 822350126007 |

Agency

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

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
|-------------------------------|------|

| | |
|-------------------|-------------|
| Data Rate | 10.0 Gbps |
| Shielded | Yes |
| Shield Type | EMI Fingers |
| Voltage - Maximum | 30V |

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 |
| Packaging Type | Tray |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.40mm |
| PC Tail Length | 3.05mm |
| Pitch - Mating Interface | 0.80mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| 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 |
|------------------------------|-----|

Application Tooling

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