



Part Number : 754625001

Series Number : 75462

Product Category : High-Speed I/O  
Connectors

Product Description : Small Form-factor  
Pluggable (SFP) Stacked 2-by-1 Multi-Port  
Connector with Press-fit PC Tails, 40 Circuits,  
Lead-Free

Status : Active

## Documents & Resources

### Drawings

Drawing 754625001\_sd.pdf

### 3D Models and Design Files

3D Model 754625001\_stp.zip

### Specifications

Application Specification AS-75310-001-001.pdf

Application Specification AS-76090-001-001.pdf

Packaging Specification PK-75462-001-001.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)3788-DC<br>(14 Jun 2023)                                     |
| 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         | 75462                                                                                                                          |
| Description    | Small Form-factor Pluggable (SFP)<br>Stacked 2-by-1 Multi-Port<br>Connector with Press-fit PC Tails,<br>40 Circuits, Lead-Free |
| Application    | Module-to-Board                                                                                                                |
| Component Type | Receptacle                                                                                                                     |
| Product Family | SFP+ and SFP Interconnect<br>Solutions                                                                                         |
| Product Name   | SFP                                                                                                                            |
| Type           | Pluggable                                                                                                                      |
| UPC            | 822350234795                                                                                                                   |

#### 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) | 40  |

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (maximum)             | 40                             |
| 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                     | 23.760/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    | 2.36mm                         |
| 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                          | 2                              |
| 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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## Application Tooling

Global

| Description                   | Part Number      |
|-------------------------------|------------------|
| Extraction Tool, 2 x 1 Medium | <u>622029930</u> |