molex



**Part Number :** 760905001
**Product Description :** Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-1 Multi-Port Connector with 4 Lightpipe Ports, Elastomeric Gasket, 40 Circuits, Tin (Sn) Tails
**Series Number :** 76090
**Status :** Active
**Product Category :** High-Speed I/O Connectors

## Documents & Resources

### Drawings

760905001_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

EE-76090-001-001.pdf

SP-76090-001-001.zip

### Specifications

AS-75310-001-001.pdf

AS-76090-001-001.pdf

PK-75462-001-001.pdf

PS-75310-001-001.pdf

TS-76092-999-001.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)4165-DC (25 June 2025) |
| 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | High-Speed I/O Connectors |
| Series | 76090 |
| Description | Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-1 Multi-Port Connector with 4 Lightpipe Ports, Elastomeric Gasket, 40 Circuits, Tin (Sn) Tails |
| Application | Module-to-Board |
| Component Type | Receptacle |
| Product Name | SFP Plus,SFP+ |
| Type | Pluggable |
| UPC | 800756842899 |

### Agency

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

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 0.5A |
| Data Rate | 10.0 Gbps, 28.0 Gbps |
| Grounding to Panel | None |
| Shielded | Yes |
| Shield Type | EMI Gasket |
| Voltage - Maximum | 120V AC (RMS)/DC |

**Physical**

| | |
|---|---|
| Boot Color | N/A |
| Circuits Detail | 40 |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Durability (mating cycles max) | 100 |
| Flammability | 94V-0 |
| Gender | Female |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Net Weight | 29.110/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 2.36mm |
| PC Tail Length | 2.07mm |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| 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 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Extraction Tool, 2 x 1 Medium | 622029930 |