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**Part Number:** [0757865001](#)  
**Status:** **Active**  
**Overview:** [SFP+ and SFP Interconnect Solutions](#)  
**Description:** Small Form-factor Pluggable (SFP) Stacked 2-by-1 Multi-Port Connector with 4 Lightpipes, with Press-fit PC Tails, 40 Circuits, Square Cut Gasket, Lead-Free

**Documents:**

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76090-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-75310-001-001 (PDF)</a>   |
| <a href="#">Product Specification PS-75310-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Application Specification AS-75310-001 (PDF)</a> |                                                                  |

**Agency Certification**

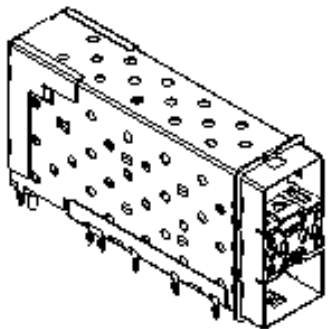
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                                     |
|----------------|-----------------------------------------------------|
| Product Family | I/O Connectors                                      |
| Series         | <a href="#">75786</a>                               |
| Application    | Module-to-Board                                     |
| Comments       | With 4 Lightpipes Square Cut Gasket                 |
| Component Type | Receptacle                                          |
| Overview       | <a href="#">SFP+ and SFP Interconnect Solutions</a> |
| Product Name   | SFP                                                 |
| Type           | N/A                                                 |
| UPC            | 822350236348                                        |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 40                             |
| Circuits (maximum)             | 40                             |
| Color - Resin                  | Black                          |
| 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 |
| Net Weight                     | 32.942/g                       |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 3.05mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 2.40mm                         |
| 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                            |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |
| Waterproof / Dustproof         | No                             |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[75786](#) Series

**Use With**

[75951-0999](#) SFP Dust Plug

**Application Tooling | FAQ**

*Tooling specifications and manuals are  
found by selecting the products below.  
Crimp Height Specifications are then  
contained in the Application Tooling  
Specification document.*

**Global**

| Description            | Product #                  |
|------------------------|----------------------------|
| Stacked Multi-Port     | <a href="#">0622030145</a> |
| Insertion Tool, 2 by 1 |                            |
| Tall                   |                            |
| Stacked Multi-Port     | <a href="#">0622029960</a> |
| Extraction Tool, 2 by  |                            |
| 1 Tall                 |                            |

**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 0.5A       |
| Shield Type                   | EMI Gasket |
| Shielded                      | Yes        |
| Voltage - Maximum             | 30V        |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | AS-75310-001, AS-76090-001-001 |
| Packaging Specification   | PK-75310-001-001               |
| Product Specification     | PS-75310-001                   |
| Sales Drawing             | SD-75786-001                   |

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