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**Part Number:** [75640-5005](#)  
**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, 45 Degree Mount, 40 Circuits

**Documents:**

|                                                              |                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76090-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-75462-001 (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="#">75640</a>                               |
| Application    | Module-to-Board                                     |
| Component Type | Receptacle                                          |
| Overview       | <a href="#">SFP+ and SFP Interconnect Solutions</a> |
| Product Name   | SFP                                                 |
| Type           | N/A                                                 |
| UPC            | 822350905725                                        |

**Physical**

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Boot Color                     | N/A                                           |
| Circuits (Loaded)              | 40                                            |
| Circuits (maximum)             | 40                                            |
| Circuits Detail                | 40                                            |
| 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                     | 25.966/g                                      |
| Number of Rows                 | 2                                             |
| Orientation                    | Right Angle                                   |
| PC Tail Length                 | 2.07mm                                        |
| PCB Locator                    | Yes                                           |
| PCB Retention                  | Yes                                           |
| PCB Thickness - Recommended    | 1.60mm                                        |
| 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                                           |



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[75640Series](#)

**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 #                  |
|------------------------|----------------------------|
| Insertion Tool         | <a href="#">0622030140</a> |
| Extraction Tool, 2 x 1 | <a href="#">0622029930</a> |
| Medium                 |                            |

|                                |                              |
|--------------------------------|------------------------------|
| Ports                          | 2                            |
| Surface Mount Compatible (SMC) | Yes                          |
| Temperature Range - Operating  | -40°C 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 |

**Material Info**

**Reference - Drawing Numbers**

|                           |                            |
|---------------------------|----------------------------|
| Application Specification | AS-75310-001, AS-76090-001 |
| Packaging Specification   | PK-75462-001               |
| Product Specification     | PS-75310-001               |
| Sales Drawing             | SD-75640-003, SD-75640-004 |

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