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Part Number:

0754515002

Status:

Active

Overview:

SFP+ and SFP Interconnect Solutions

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

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75310-001 (PDF)

Application Specification AS-75310-001 (PDF)

Application Specification AS-76090-001 (PDF)

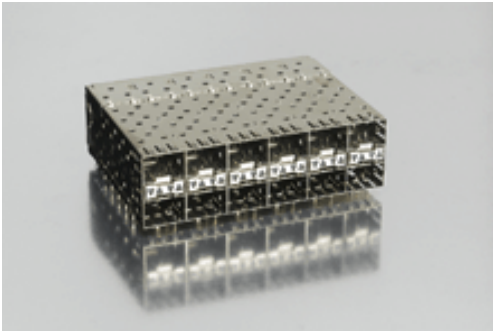
Packaging Specification PK-75451-001 (PDF)

RoHS Certificate of Compliance (PDF)

| Agency Certification |                                     |
|----------------------|-------------------------------------|
| CSA                  | LR19980                             |
| UL                   | E29179                              |
| General              |                                     |
| Product Family       | I/O Connectors                      |
| Series               | 75451                               |
| Application          | Module-to-Board                     |
| Comments             | With 2 Inner Lightpipes             |
| Component Type       | Receptacle                          |
| Overview             | SFP+ and SFP Interconnect Solutions |
| Product Name         | SFP                                 |
| Type                 | N/A                                 |
| UPC                  | 822350126007                        |

| 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                                   |
| 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                                        |
| 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                                            |

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

Search Parts in this Series

75451 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 Extraction Tool, 2 by 6                                                                                                                                      | 0622029950 |
| 2-by-6 SFP Stacked Multi-Port Insertion Tool                                                                                                                                    | 0622030155 |

|                                    |                            |
|------------------------------------|----------------------------|
| Current - Maximum per Contact      | 0.5A                       |
| Shield Type                        | EMI Fingers                |
| Shielded                           | Yes                        |
| Voltage - Maximum                  | 30V                        |
| <b>Solder Process Data</b>         |                            |
| Lead-freeProcess Capability        | N/A                        |
| <b>Material Info</b>               |                            |
| <b>Reference - Drawing Numbers</b> |                            |
| Application Specification          | AS-75310-001, AS-76090-001 |
| Packaging Specification            | PK-75451-001               |
| Product Specification              | PS-75310-001               |
| Sales Drawing                      | SD-75451-001               |

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