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Part Number:

0760465001

Status:

Active

Overview:

SFP+ and SFP Interconnect Solutions

Description:

Small Form-factor Pluggable Plus (SFP+) Stacked 2-by-4 Multi-Port Connector with 4 Lightpipe Ports, EMI Metal Gasket, 160 Circuits, Tin (Sn) Tails

Documents:

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-75310-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Application Specification AS-76090-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-75450-001-001 (PDF)</a>   |
| <a href="#">Product Specification PS-75310-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

Agency Certification

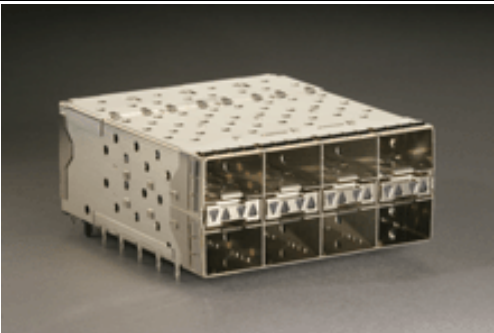
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

General

|                  |                                     |
|------------------|-------------------------------------|
| Product Family   | I/O Connectors                      |
| Series           | 76046                               |
| Application      | Module-to-Board                     |
| Component Type   | Receptacle                          |
| Electrical Model | Yes                                 |
| Overview         | SFP+ and SFP Interconnect Solutions |
| Product Name     | SFP Plus, SFP+                      |
| Type             | N/A                                 |
| UPC              | 800756878058                        |

Physical

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Boot Color                     | N/A                                           |
| Circuits (Loaded)              | 160                                           |
| Circuits (maximum)             | 160                                           |
| Circuits Detail                | 160                                           |
| 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                     | 95.955/g                                      |
| Number of Rows                 | 2                                             |
| Orientation                    | Right Angle                                   |
| PC Tail Length                 | 2.07mm                                        |
| PCB Locator                    | Yes                                           |
| PCB Retention                  | Yes                                           |
| PCB Thickness - Recommended    | 1.57mm                                        |
| 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 ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

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

Search Parts in this Series

76046 Series

Use With

759510999 SFP Dust Plug

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Ports                              | 8                                                          |
| Surface Mount Compatible (SMC)     | No                                                         |
| Temperature Range - Operating      | -40° to +85°C                                              |
| Termination Interface: Style       | Through Hole - Compliant Pin                               |
| Waterproof / Dustproof             | No                                                         |
| <b>Electrical</b>                  |                                                            |
| Current - Maximum per Contact      | 0.5A                                                       |
| Grounding to Panel                 | None                                                       |
| Shield Type                        | EMI Gasket                                                 |
| Shielded                           | Yes                                                        |
| Voltage - Maximum                  | 120V AC (RMS)/DC                                           |
| <b>Solder Process Data</b>         |                                                            |
| Lead-freeProcess Capability        | N/A                                                        |
| <b>Material Info</b>               |                                                            |
| <b>Reference - Drawing Numbers</b> |                                                            |
| Application Specification          | AS-75310-001-001, AS-76090-001-001                         |
| Electrical Model Document          | EE-76090-001-001                                           |
| Packaging Specification            | PK-75450-001-001                                           |
| Product Specification              | PS-75310-001-001                                           |
| S-Parameter Model                  | SP-76090-001-001                                           |
| Sales Drawing                      | RSD-76046-0003-001, SD-76046-0003-001,<br>SD-76046-001-001 |

This document was generated on 02/07/2022

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