Pluggable Connectors, Cages & Accessories

Always EU RoHS/ELV Compliant (Statement of Compliance)

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# 1-2132403-5 Product Details

Product Highlights:

- SFP+ Product Line
- Cage Assembly with Integrated Connector
- SFP+ Enhanced EMI Application
- Connector Style = Receptacle
- Cage Type = Stacked

View all Features

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Related Products:

Tooling

# Documentation & Additional Information

### Product Drawings:

CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PR... (PDF, English)

### Catalog Pages/Data Sheets:

None Available

### Product Specifications:

SFP+ Stacked Connector and Cage Assemblies (PDF, English)

### Application Specifications:

• Stacked Small Form-Factor Pluggable (SFP+) Connector... (PDF, English)

### Instruction Sheets:

- Small Form-Factor Pluggable (SFP)+ zSFP+ Extraction ... (PDF, English)
- Small Form-Factor Pluggable (SFP)+ Seating Tool Kits... (PDF, English)

### CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version A)
- 3D Model (IGES, Version A)
- 3D Model (STEP, Version A)

List all Documents

# Product Features (Please use the Product Drawing for all design activity)

# Product Type Features:

- Product Line = SFP+
- Product Type = Cage Assembly with Integrated Connector

# Mechanical Attachment:

PCB Mount = Single Sided

# **Electrical Characteristics:**

Data Signal Rate (Gb/s) = Up to 16

# Termination Features:

• Termination Method to PC Board = Through Hole - Press Fit

# Dimensions:

- Tail Length (mm [in]) = 3 [0.118]
- PCB Thickness, Recommended (mm [in]) = 1.50 [0.059]
- Length (X-Axis) (mm [in]) = 64.25 [2.529]
- Width (Z-Axis) (mm [in]) = 71.66 [2.821]
- Profile Height (Y-Axis) (mm [in]) = 25.50 [1.0039]

# Body Features:

Integrated Light Pipes = Yes

# Contact Features:

- Contact Plating, Mating Area, Material = Gold or Gold Flash over Palladium Nickel
- Contact Base Material = Copper Alloy

# Housing Features:

- Connector Style = Receptacle
- Cage Type = Stacked
- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Color = Black
- Cage Material = Nickel Silver

- Configuration Features: Port Configuration = 2x5
  - Lightpipe = With
  - Lightpipe Configuration = All Four
  - EMI Containment = External Springs

# **Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Flammability Rating = UL 94V-0

# Conditions for Usage:

Applies To = Printed Circuit Board

# Operation/Application:

- Application = SFP+ Enhanced EMI
- Heat Sink Application = No

# Packaging Features:

Packaging Method = Box/Carton

Other:

Brand = TE Connectivity

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