



## 2085945-1 Product Details

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2085945-1

TE Internal Number: 2085945-1

Preliminary

View 3D PDF

### Pluggable Connectors, Cages & Accessories

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- QSFP+ Product Line
- Cage Assembly with Integrated Connector
- QSFP+ Application
- Connector Style = Receptacle
- Cage Type = Stacked

View all Features

#### Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

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### Documentation & Additional Information

#### Product Drawings:

- CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI GASKET, PRE... (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- Stacked Quad Small Form-Factor Pluggable (QSFP)+ Thr... (PDF, English)

#### Instruction Sheets:

- None Available

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

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

#### Related Products:

- Tooling

List all Documents

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

#### Product Type Features:

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

#### Mechanical Attachment:

- PCB Mount = Single Sided
- Bezel Mounting Style = Through Bezel

#### Electrical Characteristics:

- Data Signal Rate (Gb/s) = Up to 64

#### Termination Features:

- Termination Method to PC Board = Press-Fit

#### 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
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]

#### Housing Features:

- Connector Style = Receptacle
- Cage Type = Stacked

#### Configuration Features:

- Port Configuration = 2x1
- Lightpipe = With
- Lightpipe Configuration = Outer
- EMI Containment = Elastomeric Gasket

#### 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

#### Conditions for Usage:

- For Use With = QSFP+ Cable Assembly
- Applies To = Printed Circuit Board

#### Operation/Application:

- Application = QSFP+

#### Other:

- Brand = TE Connectivity

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- Privacy Policy
- AODA Accessibility Policy
- AODA Multi-Year Accessibility Plan

### Quick Links

- Distributor Inventory
- Product Cross Reference
- Documents & Drawings
- Product Compliance Support Center
- Site Map

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