

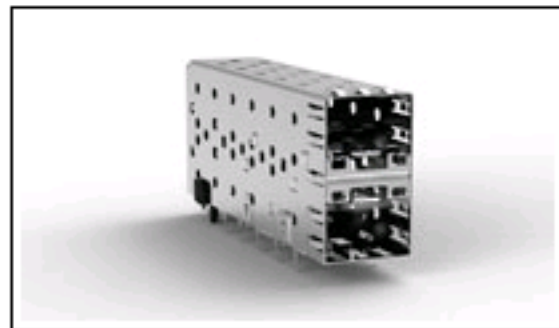


## 1658391-1 Product Details

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1658391-1

TE Internal Number: 1658391-1

 Active

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### Pluggable Connectors, Cages & Accessories

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

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

[View all Features](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
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- ▶ [View Dust Cap/Plugs \(1\)](#)
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#### Documentation & Additional Information

##### Product Drawings:

- [CAGE AND PT CONNECTOR ASSEMBLY, 2x1, PRESS FIT, STAN...](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- [1-1773717-7\\_PLUGGABLE\\_IO\\_QRG\\_CN](#) (PDF, English)
- [1-1773717-8\\_PLUGGABLEIO\\_QRG\\_TCN](#) (PDF, English)
- [1-1773717-9\\_HIGH\\_SPEED\\_IO\\_QRG\\_JA](#) (PDF, English)
- [1773408-1 Pluggable Input/Output Solutions catalog -...](#) (PDF, English)
- [4-1773455-2 - Quick Reference Guide Pluggable I/O So...](#) (PDF, English)
- [4-1773455-4 Quick Reference Guide SFP Solutions](#) (PDF, English)

##### Product Specifications:

- None Available

##### Application Specifications:

- [Stacked Small Form-Factor Pluggable \(SFP\) Connector ...](#) (PDF, English)

##### Instruction Sheets:

- None Available

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

- [2D Drawing](#) (DXF, Version H)
- [3D Model](#) (IGES, Version H)
- [3D Model](#) (STEP, Version H)

##### Related Products:

- [Tooling](#)
- [Dust Cap/Plugs \(1\)](#)
- [Cable Assemblies \(5\)](#)

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

##### Mechanical Attachment:

- PCB Mount = Single Sided

##### Electrical Characteristics:

- Data Signal Rate (Gb/s) = Up to 4

##### Termination Features:

- Tail Length (mm [in]) = 1.95 [0.077]

##### Dimensions:

- PCB Thickness, Recommended (mm [in]) = 1.50 [0.059]

##### Body Features:

- Cage Plating = Tin over Nickel Flash

##### Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]

##### Housing Features:

- Connector Style = Receptacle
- [Cage Type](#) = Stacked
- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Color = Black
- Cage Material = Copper Alloy
- UL Flammability Rating = UL 94V-0

##### Configuration Features:

- Port Configuration = 1x2
- Lightpipe = Without
- EMI Containment = EMI 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

##### Conditions for Usage:

- Applies To = Printed Circuit Board

##### Operation/Application:

- [Application](#) = SFP
- Heat Sink Application = No

##### Packaging Features:

- Packaging Method = Tray

##### Other:

- Brand = AMP
- Comment = Standard Profile, Lubricant on contact.

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