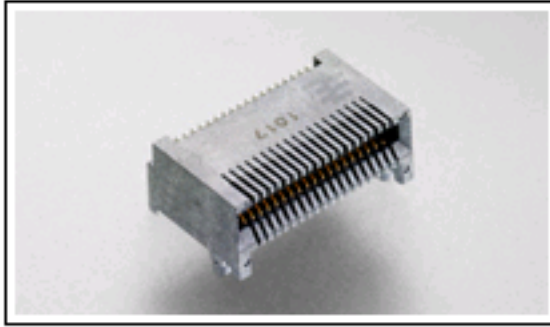


## 2110819-1 Product Details

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2110819-1

TE Internal Number: 2110819-1  
 Active

View 3D PDF

### Pluggable Connectors, Cages & Accessories

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- QSFP+ Product Line
- Connector
- QSFP+ Application
- Connector Style = Receptacle
- Data Signal Rate = Up to 64 Gb/s

[View all Features](#)

**Quick Links**

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### Documentation & Additional Information

**Product Drawings:**

- [QSFP+ ENHANCED EVERCLEAR, PT CONNECTOR, RIGHT ANGLE \(PDF, English\)](#)

**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 \(PDF, English\)](#)
- [4-1773455-2 - Quick Reference Guide Pluggable I/O So... \(PDF, English\)](#)

**Product Specifications:**

- [Enhanced EVERCLEAR\\* Connector \(PDF, English\)](#)

**Application Specifications:**

- [EVERCLEAR Connectors and QSFP+ Enhanced EVERCLEAR SM... \(PDF, English\)](#)

**Instruction Sheets:**

- None Available

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

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

[List all Documents](#)

**Related Products:**

- [Tooling](#)

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

**Product Type Features:**

- Product Line = QSFP+
- Product Type = Connector
- Termination Method to PC Board = Surface Mount

**Mechanical Attachment:**

- PCB Mount = Double Sided (Belly-to-Belly)

**Electrical Characteristics:**

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

**Contact Features:**

- [Contact Plating, Mating Area, Material](#) = Gold or Gold Flash over Palladium Nickel
- Contact Base Material = Copper Alloy

**Housing Features:**

- Connector Style = Receptacle
- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Conditions for Usage:**

- Applies To = Printed Circuit Board

**Operation/Application:**

- Application = QSFP+

**Packaging Features:**

- Packaging Method = Reel

**Other:**

- Brand = TE Connectivity

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