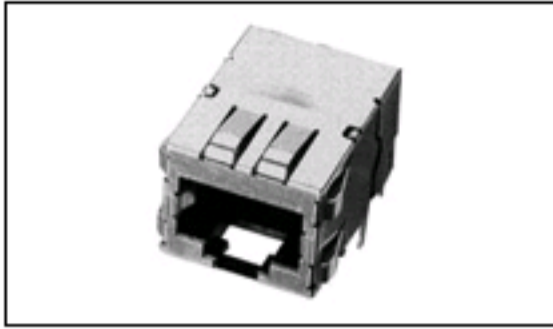


## 5558310-1 Product Details

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5558310-1

TE Internal Number: 5558310-1  
✔ Active

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### PCB Mounted Jacks - Single Port, Multi-port and Stacked

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Connector
- Preloaded
- Single Port Configuration
- 1 x 1 Jack Configuration
- Jack Type = RJ45

[View all Features](#)

**Quick Links**

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### Documentation & Additional Information

**Product Drawings:**

- [MODULAR JACK ASSEMBLY, 8 POSITION,RIGHT ANGLE,LOW PR...](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- [High Performance Modular Plugs & Jacks, PCB Mounted](#) (PDF, English)

**Application Specifications:**

- [Modular Jacks](#) (PDF, English)

**Instruction Sheets:**

- None Available

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

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

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)

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

**Product Type Features:**

- Product Type = Connector
- Jack Type = RJ45
- PCB Mounting Orientation = Side Entry (Right Angle)
- PCB Mount Style = Through Hole
- Termination Method to PC Board = Solder
- Performance Category = Cat 3
- LED = Without
- Grounding Options = PCB Ground
- Panel Stops = Without
- Keyed = Yes
- Profile = Standard
- Color = Black
- Shield Material = Copper Alloy
- Latch Style = Standard

**Mechanical Attachment:**

- Panel Mount Retention = With
- Flanged = No

**Electrical Characteristics:**

- Shielded = Yes

**Termination Features:**

- Solder Tail Contact Plating = Tin over Nickel

**Dimensions:**

- Height (mm [in]) = 13.64 [0.537]
- PCB Tail Length (mm [in]) = 3.56 [0.140]
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

**Body Features:**

- Inverted Jack Face = No
- Shield Plating = Tin
- PCB Ground Tab Location (mm [in]) = -3.05 [-0.120]

**Contact Features:**

- Contact Plating, Mating Area, Material = Gold (50)
- Contact Base Material = Phosphor Bronze

**Housing Features:**

- Housing Material = High Temperature Thermoplastic
- UL Flammability Rating = UL 94V-0

**Configuration Features:**

- Preloaded = Yes
- Port Configuration = Single
- Jack Configuration = 1 x 1
- Number of Positions = 8
- Number of Contacts Loaded = 8
- Number of PCB Ground Tabs = 2

**Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Packaging Features:**

- Packaging Method = Tray

**Product Availability:**

- Region = Asia, North America

**Other:**

- Brand = AMP

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