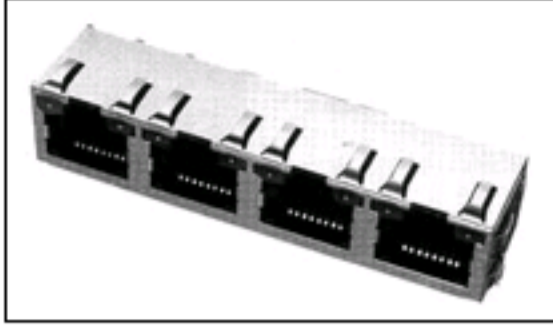




## 1-5406552-7 Product Details

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1-5406552-7

TE Internal Number: 1-5406552-7  
✔ 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
- Multiple Port Configuration
- 1 x 4 Jack Configuration
- Jack Type = RJ45

[View all Features](#)

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### Documentation & Additional Information

**Product Drawings:**

- [INVERTED MODULAR JACK ASSEMBLY, 1X4, SHIELDED, PANEL...](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- None Available

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

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

- [2D Drawing](#) (DXF, Version 1)
- [3D Model](#) (IGES, Version 1)
- [3D Model](#) (STEP, Version 1)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)

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### 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 5
- LED = With
- Grounding Options = Panel Ground and PCB Ground
- Panel Stops = Without
- Keyed = No
- Profile = Standard
- Color = Black
- Shield Material = Copper Zinc Alloy

**Mechanical Attachment:**

- Panel Mount Retention = Without

**Electrical Characteristics:**

- Shielded = Yes

**Termination Features:**

- Solder Tail Contact Plating = Tin over Nickel

**Dimensions:**

- PCB Tail Length (mm [in]) = 2.54 [0.100]

**Body Features:**

- Inverted Jack Face = Yes
- Shield Plating = Tin over Copper
- Number of Contacts Loaded, RJ45 (8 Positions) = 8
- PCB Ground Tab Location (mm [in]) = -3.43 [-0.135]

**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 = Multiple
- Jack Configuration = 1 x 4
- Number of Positions = 8
- Number of Contacts Loaded = 8
- Number of PCB Ground Tabs = 4
- Number of Panel Ground Tabs = 12

**Industry Standards:**

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

**Identification Marking:**

- LED Position 1 Color = None
- LED Position 2 Color = Green
- LED Position 3 Color = None

**Packaging Features:**

- Packaging Method = Tray
- Packaging Quantity = 32

**Product Availability:**

- Region = Asia, North America

**Other:**

- Brand = AMP
- Comment = Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).; Contact area lubricated with Bellcore approved lubricant.

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