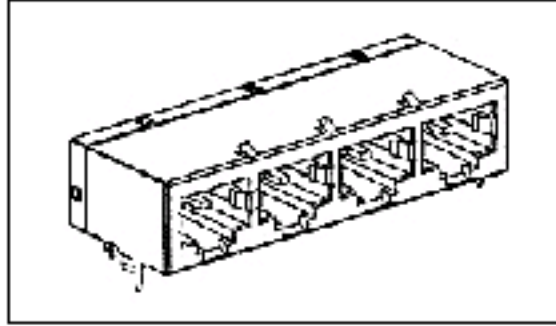




558524-1 Product Details

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558524-1

TE Internal Number: 558524-1



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

5 of 6 EU RoHS/ELV Compliant (Find RoHS Compliant Alternates/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:

- None Available

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

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 = Without
- 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-Lead over Nickel

Dimensions:

- PCB Tail Length (mm [in]) = 3.56 [0.140]

Body Features:

- Inverted Jack Face = No
- Shield Plating = Bright Tin over Nickel
- Number of Contacts Loaded, RJ45 (8 Positions) = 8
- PCB Ground Tab Location (mm [in]) = 4.57 [0.180]

Contact Features:

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

Housing Features:

- Housing Material = High Temperature Nylon
- 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 = 3
- Number of Panel Ground Tabs = 6

Industry Standards:

- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C

Packaging Features:

- Packaging Method = Tray
- Packaging Quantity = 20

Product Availability:

- Region = Asia, North America

Other:

- Brand = AMP
- Comment = Cat 5 solder tail positions for this mod jack do not follow same number sequence as that of the traditional mod jacks.

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