

1-406541-1 Product Details

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1-406541-1

TE Internal Number: 1-406541-1

 **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](#)

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Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- [1-1773464-9_MODULAR JACKS_SINGLE_PORT_PCB_MOUNT](#) (PDF, English)
- [82066 - Modular Jacks and MRJ21 Product catalog - Si...](#) (PDF, English)

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

[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 5
- LED = Without
- Grounding Options = Panel Ground and PCB Ground
- Panel Stops = Without
- Keyed = No
- Profile = Standard
- Color = Black

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

- Shield Material = Copper Alloy Mechanical Attachment: Panel Mount Retention = With - Flanged = No Electrical Characteristics: Shielded = Yes Termination Features: Solder Tail Contact Plating = Matte Tin over Nickel Dimensions: Height (mm [in]) = 13.34 [0.525] PCB Tail Length (mm [in]) = 2.54 [0.100] - PCB Thickness, Recommended (mm [in]) = 1.57 [0.062] Body Features: Inverted Jack Face = Yes - Shield Plating = Satin Nickel - PCB Ground Tab Location (mm [in]) = -3.43 [-0.135]	- Number of PCB Ground Tabs = 2 - Number of Panel Ground Tabs = 6 - Panel Ground Location = Top, Top and Side 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 - Comment = Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).
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