1-406541-1 Product Details
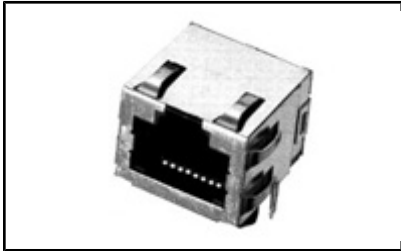
1-406541-1

✔ Active

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

🍃 [Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- Jack
- Single Port Configuration
- 1 x 1 Jack Configuration
- Jack Type = RJ45
- Number of Positions = 8

[View all Features](#) | [Find Similar Products](#) **NEW!**

Documentation & Additional Information

Product Drawings:

- [INVERTED MODULAR JACK ASSEMBLY, 1X1, SHIELDED, PANEL...](#) (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 J)

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

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- Product Type = Jack
- Jack Type = RJ45
- Number of Positions = 8
- PCB Mount Angle = Side Entry (Right Angle)
- PCB Mount Style = Thru Hole
- PCB Termination Type = Solder
- Shielded = Yes
- Performance Category = Cat 5
- Number of Contacts Loaded = 8
- Grounding Options = Panel Ground and PCB Ground
- Panel Stops = Without
- Keyed = No
- Profile = Standard
- Color = Black
- Shield Material = Copper Alloy
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Comment = Recommended applications: Fast Ethernet, 10Base-T Ethernet, and 10/100 Base-T Ethernet (Cat 5 on two pair 1/2, 3/6).

Mechanical Attachment:

- Jack Configuration = 1 x 1
- Panel Attachment = With
- Flanged = No

Termination Related Features:

- Height (mm [in]) = 13.34 [0.525]
- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- Port Configuration = Single
- Inverted Jack Face = Yes
- LED = Without
- Shield Plating = Tin
- Number of PCB Ground Tabs = 2
- PCB Tail Length (mm [in]) = 2.54 [0.100]
- PCB Ground Tab Location (mm [in]) = -3.43 [-0.135]

Contact Related Features:

- Contact Mating Area Plating = Gold (50) over Nickel (50)
- Contact Material = Phosphor Bronze

Housing Related Features:

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

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 Related Features:

- Panel Ground Location = Top, Top and Side
- Packaging Method = Tray

Other:

- Brand = AMP