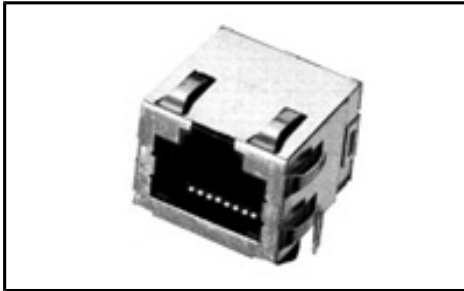




1-406541-1 Product Details



1-406541-1



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](#)

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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

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