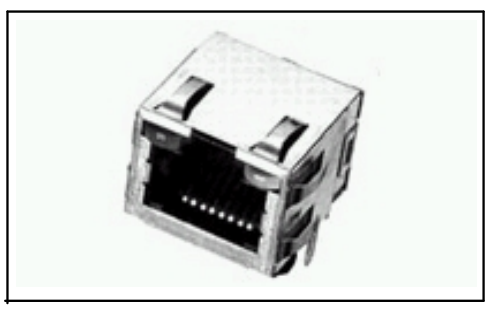
Product Details for 2-406507-4



2-406507-4

Active

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

RoHS 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

Quick Links

Check Pricing & Availability
Search for Tooling
Product Feature Selector
Contact Us About This Product

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)

- 3D Model (STEP, Version F)
- 3D Model (IGES, Version F)
- 2D Drawing (DXF, Version F)

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 = 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
- IR Reflow Compatible = No
- 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 Plating = Tin over Nickel

Body Related Features:

- Port Configuration = Single
- Inverted Jack Face = Yes
- LED = With
- Shield Plating = Tin
- Number of PCB Ground Tabs = 2
- PCB Tail Length (mm [in]) = 2.54 [0.100]
- Insulator Material = Polyester
- 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 = High Temperature Thermoplastic
- 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

Identification Marking:

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

Packaging Related Features:

- Panel Ground Location = Top, Top and Side
- Packaging Method = Tube
- Packaging Quantity = 30

Other:

- Brand = AMP

© 2006 Tyco Electronics Corporation All Rights Reserved