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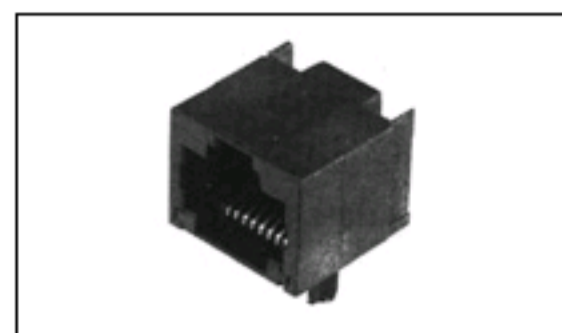
406525-1 Product Details

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406525-1

TE Internal Number: 406525-1

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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
- Single Port Configuration
- 1 x 1 Jack Configuration
- Jack Type = RJ45

View all Features

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Documentation & Additional Information

Product Drawings:
- INVERTED MODULAR JACK ASSEMBLY, 1X1 (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- Eight Position Right Angle Inverted Multiple Port Mo... (PDF, English)

Application Specifications:
- Modular Jacks with Integral Light Emitting Diode (LED) (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version C)
- 3D Model (IGES, Version C)
- 3D Model (STEP, Version C)

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 = 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 = Without
- Panel Stops = Without
- Keyed = No
- Profile = Standard
- Color = Black

Mechanical Attachment:
- Panel Mount Retention = With
- Flanged = No

Electrical Characteristics:
- Shielded = No

Termination Features:
- Solder Tail Contact Plating = Tin-Lead over Nickel

Dimensions:
- Height (mm [in]) = 12.83 [0.505]
- PCB Tail Length (mm [in]) = 2.54 [0.100]
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Body Features:
- Inverted Jack Face = Yes

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

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

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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