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406549-5 Product Details

406549-5

TE Part Number: 406549-5

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

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Documentation & Additional Information

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

Catalog Pages/Data Sheets:
- INTERCONNECTS FOR NETWORKING (PDF, English)
- MULTI-USER SYSTEMS (PDF, English)

Product Specifications:
- High Performance Modular Plugs & Jacks, PCB Mounted (PDF, English)
- Eight Position Right Angle Inverted Multiple Port Mo... (PDF, English)

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

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-Lead over Nickel

Body Related Features:
- Port Configuration = Single
- Inverted Jack Face = Yes
- LED = With
- Shield Plating = Tin-Lead
- 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 Material = 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 = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C

Identification Marking:
- LED Position 1 Color = Green
- LED Position 2 Color = Green
- LED Position 3 Color = None

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

Other:
- Brand = AMP