

## 5406298-1 Product Details

Live Product Chat



**5406298-1**

TE Part Number: 5406298-1

Active

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### 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

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#### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [MODULAR JACK ASSEMBLY, SINGLE PORT, 8 POSITION, SHIE...](#) (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 A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

[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 3
- 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
- Latch Style = Standard
- PCB Thickness (mm [in]) = 1.57 [0.062]

#### Mechanical Attachment:

- [Jack Configuration](#) = 1 x 1
- [Panel Attachment](#) = With
- Flanged = No

#### Termination Related Features:

- [Height \(mm \[in\]\)](#) = 13.72 [0.540]
- [Solder Tail Contact Plating](#) = Tin over Nickel

#### Body Related Features:

- Port Configuration = Single
- [Inverted Jack Face](#) = No
- [LED](#) = Without
- Shield Plating = Tin
- Number of PCB Ground Tabs = 2
- [PCB Tail Length \(mm \[in\]\)](#) = 3.56 [0.140]
- PCB Ground Tab Location (mm [in]) = -3.05 [-0.120]

#### Contact Related Features:

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

#### Housing Related Features:

- Housing Material = High Temperature Nylon
- 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