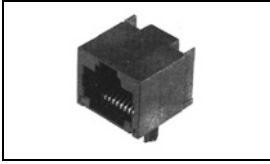


## 1-406525-1 Product Details



**1-406525-1**

TE Internal Number: 1-406525-1

 [Active](#)

 [View 3D PDF](#)

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

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Connector
- Single Port Configuration
- 1 x 1 Jack Configuration
- Jack Type = RJ45
- 8 Positions

[View all Features](#)

### Quick Links

- ▶ [Check Pricing & Availability](#)
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### Documentation & Additional Information

#### Product Drawings:

- [INVERTED MODULAR JACK ASSEMBLY, 1X1](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [82066 - Modular Jacks and MRJ21 Product catalog - Si...](#) (PDF, English)

#### 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 C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

[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 = Connector
- [Jack Type](#) = RJ45
- [Number of Positions](#) = 8
- [PCB Mount Angle](#) = Side Entry (Right Angle)
- [PCB Mount Style](#) = Through Hole
- [PCB Termination Type](#) = Solder
- [Shielded](#) = No
- [Performance Category](#) = Cat 5
- Number of Contacts Loaded = 8
- Grounding Options = Without
- [Panel Stops](#) = Without
- [Keyed](#) = No
- [Profile](#) = Standard
- [Color](#) = Black
- 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 \[in\]\)](#) = 12.83 [0.505]
- [Solder Tail Contact Plating](#) = Tin over Nickel

#### Body Related Features:

- Port Configuration = Single
- [Inverted Jack Face](#) = Yes
- [LED](#) = Without
- [PCB Tail Length \(mm \[in\]\)](#) = 2.54 [0.100]

#### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (50)
- Contact Base 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

#### Packaging Related Features:

- Packaging Method = Tray

#### Other:

- Brand = AMP