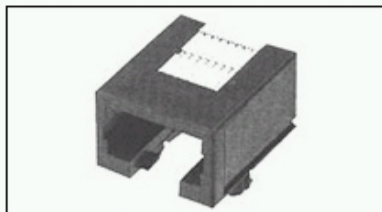


## 215877-1 Product Details

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

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

#### Product Highlights:

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

[View all Features](#)

#### Quick Links

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- ▶ [Product Feature Selector](#)
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**215877-1**

(AMP-0-0215877-1)

TE Internal Number: 215877-1

 **Active**

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### Documentation & Additional Information

#### Product Drawings:

- [MODULAR JACK, 8 POS SIDE ENTRY FOR PRINTED CIRCUIT BOARD](#) (PDF, English)

#### Catalog Pages/Data Sheets:

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

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version P)
- [3D Model](#) (IGES, Version P)
- [3D Model](#) (STEP, Version P)

[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
- [PCB Mounting Orientation](#) = Side Entry (Right Angle)
- [PCB Mount Style](#) = Through Hole
- [Termination Method to PC Board](#) = Solder
- [Performance Category](#) = Cat 3
- Number of Contacts Loaded = 8
- Grounding Options = Without
- [Panel Stops](#) = Without
- [Keyed](#) = No
- [Profile](#) = Low
- [Color](#) = Black
- Latch Style = Standard

#### Mechanical Attachment:

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

#### Electrical Characteristics:

- [Shielded](#) = No

#### Termination Features:

- [Solder Tail Contact Plating](#) = Tin over Nickel

#### Dimensions:

- [Height \(mm \[in\]\)](#) = 11.50 [0.453]

#### Body Features:

- Port Configuration = Single
- [Number of Positions](#) = 8
- [Inverted Jack Face](#) = No
- [LED](#) = Without
- [PCB Tail Length \(mm \[in\]\)](#) = 3.00 [0.118]

#### Contact Features:

- Preloaded = Yes
- [Contact Plating, Mating Area, Material](#) = Conforms to Product Requirements based on Product Specification 108-19064, Gold or Gold Flash over Palladium Nickel
- Contact Base Material = Phosphor Bronze

#### Housing Features:

- Housing Material = PBT - GF
- UL 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

#### Conditions for Usage:

- [PCB Thickness, Recommended \(mm \[in\]\)](#) = 1.57 [0.062]

#### Packaging Features:

- Packaging Method = Tape Mounted on Reel
- Packaging Quantity = 700

#### Other:

- Brand = AMP
- Comment = On any modular jack, Terminal No. 1 is the terminal to the extreme left as you face the jack opening, tab notch down.

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