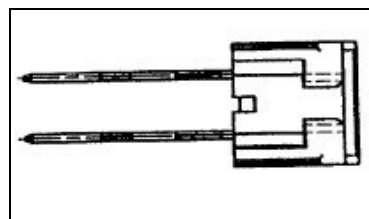




316879-1 Product Details



316879-1

2.5mm Signal Double Lock Connector

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

Product Highlights:

- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- Glow Wire Rating = Standard Part - Not Glow Wire
- Header

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [ON TAPING 2.5MM SIGNAL DBL LOCK 5MM PITCH HDR ASS'Y \(V\) \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [2.5 Signal DBL Lock Connector \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- [AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES \(PDF, English\)](#)

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Connector
- Connector Type = Header
- Profile = High
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- PCB Mount Alignment = Without
- Sealed = No

Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Latching

Electrical Characteristics:

- Contact - Rated Current (A) = 5
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

Termination Features:

- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Through Hole - Solder

Dimensions:

- Tail Length (mm [in]) = 17.1 [0.673]
- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]

Body Features:

- Header Type = Shrouded
- Mating Retention = With

Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 5.00 [0.197]
- Housing Material = Nylon 6/6 GF
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

Configuration Features:

- Number of Positions = 2
- Number of Rows = 1
- Strain Relief = Without

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive
- UL Flammability Rating = UL 94V-0

Environmental:

- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

Conditions for Usage:

- Applies To = Printed Circuit Board
- Glow Wire Rating = Standard Part - Not Glow Wire

Operation/Application:

- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Signal (Data)

Contact Features:

- Contact Type = Tab
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Mating Area, Thickness (μm [μin]) = 0.8 – 2.5 [31.49 – 98.42]
- Contact Plating, Termination Area, Material = Pre-Tin
- Contact Plating, Termination Area, Thickness (μm [μin]) = 0.8 – 2.5 [31.49 – 98.42]
- Underplate Material = Copper
- Underplate Material Thickness (μm [μin]) = 0.50 – 1.20 [19.680 – 47.240]
- Contact Size = .64

Packaging Features:

- Packaging Method = Tape
- Packaging Quantity = 900

Other:

- Brand = AMP

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