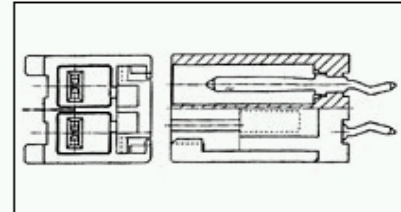


9-176975-1 Product Details

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9-176975-1

2, 2.5, 3.3, 3.5, 3.96 & 6.2 Centerline 600 V, 12 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Header
- Connector Style = Plug
- 2 Positions
- 3.96 mm Centerline, Matrix

[View all Features](#)

TE Internal Number: 9-176975-1
 Active

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Documentation & Additional Information

Product Drawings:

- [amp universal power conn. 3.96 pitch 2pos tab header... \(PDF, Japanese\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [AMP Universal Power Connector \(PDF, Japanese\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- [AMP UNIVERSAL POWER CONNECTOR SERIES \(PDF, English\)](#)

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Related Products:

- [Tooling](#)
- [Mating Products \(10\)](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Header
- Color = Natural
- Mating Connector Lock Type = Latch
- PCB Mounting Orientation = Vertical

Mechanical Attachment:

- Mount = Printed Circuit Board

Electrical Characteristics:

- Voltage (VAC) = 600
- Current Rating (A) = 12

Body Features:

- Number of Positions = 2
- PCB Mount Retention Type = Retention Solder Tails

Contact Features:

- Contact Type = Tab
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Tin
- Contact Layout = In-Line

Housing Features:

- Connector Style = Plug
- Centerline, Matrix (mm [in]) = 3.96 [.156]
- Mating Alignment = Without
- Housing Material = Nylon
- 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:

- Applies To = Printed Circuit Board

Packaging Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP

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