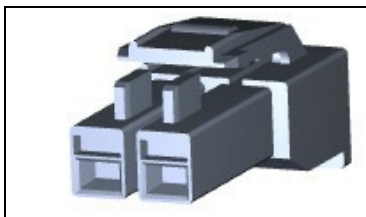




1-176271-1 Product Details

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1-176271-1

TE Internal Number: 1-176271-1

Active

[View 3D PDF](#)

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:

- Universal Power Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- Connector

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [AMP UNIVERSAL POWER CONN. 3.96MM PITCH PLUG HOUSING ...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- Product Line = Universal Power
- Product Type = Connector
- Connector Type = Housing
- Wire/Cable Type = Discrete Wire
- Sealed = No

Mechanical Attachment:

- Mating Retention Type = Latching

Electrical Characteristics:

- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 300

Termination Features:

- Termination Method to Wire/Cable = Crimp

Body Features:

- Mating Retention = With
- Wire Type = Stranded

Contact Features:

- Contact Type = Socket
- Contact Layout = In-Line

Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 3.96 [0.156]
- Housing Material = PA 6/6

Configuration Features:

- Number of Positions = 2

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Flammability Rating = UL 94V-0

Environmental:

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

Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- For Use With = Cap Housing

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 1,000

Other:

- Brand = TE Connectivity
- Comment = High Temperature Housing.

- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

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