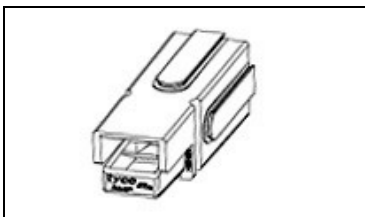




1604001-5 Product Details

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1604001-5

AMP Power Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- 120 Series
- Connector
- Housing
- Contact - Rated Current = 120 A
- AWG > 0 = No

[View all Features](#)

Quick Links

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TE Internal Number: 1604001-5

Active

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Documentation & Additional Information

Product Drawings:

- [SUB-ASSEMBLY, AMP POWER SERIES 120](#) (PDF, English)

Catalog Pages/Data Sheets:

- [POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#) (PDF, English)
- [2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Line Drawing](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

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

Mechanical Attachment:

- Panel Mount Retention = Without
- Mating Retention Type = Latching

Electrical Characteristics:

- Contact - Rated Current (A) = 120
- AWG > 0 = No
- Operating Voltage Reference = AC/DC, DC, AC
- Operating Voltage (VAC) = 600
- Operating Voltage (VDC) = 600
- UL Voltage Rating (VAC) = 600
- UL Voltage Rating (VDC) = 600
- Hot Pluggable = No

Termination Features:

- Wire/Cable Size (AWG) = 2
- Wire/Cable Size (mm²) = 34 - 35
- Wire/Cable Size (CMA) = 67,100 - 69,073
- Termination Method to Wire/Cable = Crimp

Dimensions:

- Length (X-Axis) (mm [in]) = 69.60 [2.740]

Contact Features:

- Contact Type = Pin/Socket

Housing Features:

- Housing Color = Red
- Mating Alignment = Without
- Connector Style = Plug/Receptacle
- Housing Material = Polycarbonate

Configuration Features:

- Number of Positions = 1

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
- Agency/Standard = UL
- UL Rating = Recognized
- UL File Number = E28476
- UL Flammability Rating = UL 94V-0

Conditions for Usage:

- Accepts Wire Insulation Diameter, Range (mm [in]) = 15.00 [0.591]
- Applies To = Wire/Cable

Operation/Application:

- Contact Transmits (Typical Application) = Power
- Application Use = Wire-to-Wire

Feedback

- Width (Z-Axis) (mm [in]) = 23.99 [0.9444]
- Profile Height (Y-Axis) (mm [in]) = 23.99 [0.944]

Body Features:

- Mating Retention = With
- Wire Type = Stranded

Packaging Features:

- Packaging Method = Loose Piece

Other:

- Series = 120
- Brand = AMP

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