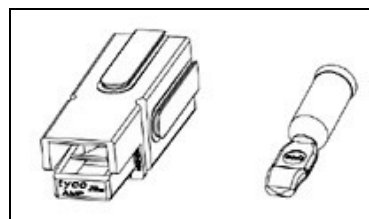




1604002-1 Product Details

[Share](#) | [Print](#) | [Email](#)


1604002-1

AMP Power Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

TE Internal Number: 1604002-1

Active

[View 3D PDF](#)
[Add to My Part List](#) | [Request Sample](#) | [Find Similar Products](#) | [Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [KIT, AMP POWER SERIES 120, 2 AWG \(PDF, English\)](#)

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:

- [Power Series 120 \(Single-Pole and Double-Pole\) Conne... \(PDF, English\)](#)

Instruction Sheets:

- [Power Series 120 \(Single-Pole and Double-Pole\) Conne... \(PDF, English\)](#)

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version 0\)](#)
- [3D Model \(IGES, Version 0\)](#)
- [3D Model \(STEP, Version 0\)](#)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Line Drawing](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Connector Assembly Kit
- 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, AC/DC
- 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
- Contact Design = Cold-headed

Housing Features:

- Housing Color = Blue
- 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:

- Applies To = Wire/Cable

Operation/Application:

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

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

Packaging Features:

- Packaging Method = Bag

Other:

- Series = 120
- Brand = AMP
- Comment = Kit Includes PN: 1604001-1, 1445995-1

Body Features:

- Mating Retention = With
- Wire Type = Stranded

Corporate Information

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)
- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

Quick Links

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

Customer Support

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

Keep Me Informed