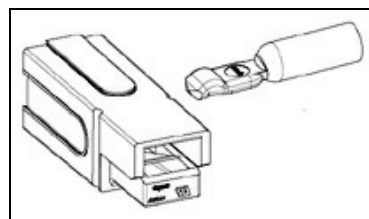




1604398-3 Product Details



1604398-3

AMP Power Series Connectors

Not reviewed for RoHS Compliance

Product Highlights:

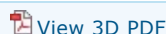
- 180 Series
- Connector
- Connector Assembly Kit
- Contact - Rated Current = 180 A
- AWG > 0 = No

[View all Features](#)

Quick Links

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

TE Internal Number: 1604398-3



[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [KIT, CONNECTOR, SERIES 180 AMP, WITH 1/0 AWG CONTACTS](#) (PDF, English)

Catalog Pages/Data Sheets:

- [POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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) = 180
- 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) = 0 - 1
- Wire/Cable Size (mm²) = 40 - 60
- Wire/Cable Size (CMA) = 78,941 - 118,412
- Termination Method to Wire/Cable = Crimp

Dimensions:

- Length (X-Axis) (mm [in]) = 82.60 [3.250]

Contact Features:

- Contact Type = Pin/Socket
- Contact Design = Cold-headed

Housing Features:

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

Configuration Features:

- Number of Positions = 2

Industry Standards:

- [RoHS/ELV Compliance](#) = Not reviewed for ELV/RoHS compliance
- [Lead Free Solder Processes](#) = Not reviewed for lead free solder process
- 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]) = 28.56 [1.120]
- Profile Height (Y-Axis) (mm [in]) = 28.25 [1.112]

Body Features:

- Mating Retention = With
- Wire Type = Stranded

Packaging Features:

- Packaging Method = Bag

Other:

- Series = 180
- Brand = AMP
- Comment = Kit Includes PN: 1604062-3, 1604038-1

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

