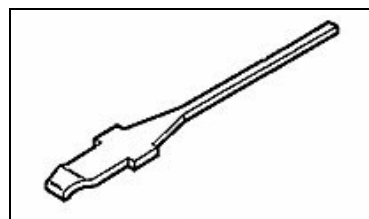




54326-1 Product Details



54326-1

TE Internal Number: 54326-1
[Active](#)

[View 3D PDF](#)

Power Lock Connectors

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Wire-to-Board
- Applies To Printed Circuit Board
- Contact
- Contact - Rated Current = 31 A
- Solder Termination Method to Wire/Cable

[View all Features](#)

Quick Links

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

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

Documentation & Additional Information

Product Drawings:

- [CONTACT, SERIES 1, POSTED, PCB, POWER LOCK \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, Power Lock, Series I \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Feedback

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

Product Type Features:

- Product Type = Contact
- PCB Mounting Orientation = Vertical
- CSA File Number = LR7189
- Make First / Break Last = No

Electrical Characteristics:

- Contact - Rated Current (A) = 31
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

Termination Features:

- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Through Hole - Solder

Dimensions:

- Tail Length (mm [in]) = 33.02 [1.3]
- Length (X-Axis) (mm [in]) = 50.80 [1.9999]
- Width (Z-Axis) (mm [in]) = 3.76 [0.148]
- Profile Height (Y-Axis) (mm [in]) = 0.90 [0.035]

Contact Features:

- Contact Type = Pin/Socket
- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]
- Contact Base Material = Copper
- Contact Plating, Termination Area, Material = Gold
- Contact Plating, Termination Area, Thickness (µm [µin]) = 0.762 [30]
- Contact Design = Spring Latch

Configuration Features:

- Tail Orientation = In-line

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
- VDE Tested = No
- Agency/Standard = UL, CSA
- UL Rating = Recognized
- UL File Number = E28476
- CSA Certified = Yes

Environmental:

- Operating Temperature (°C [°F]) = -40 - +75 [-40 - +167]

Conditions for Usage:

- Applies To = Printed Circuit Board

Operation/Application:

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

Packaging Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP

- Underplate Material = Nickel
- Underplate Material Thickness (μm [μin]) = 1.27 [50.000]

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

