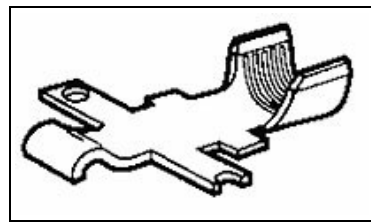


## 53892-2 Product Details

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**53892-2**

TE Internal Number: 53892-2

Active

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### Power Lock Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact - Rated Current = 31 A
- Wire/Cable Size = 12 - 18 AWG

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

- Product Drawings:**
- [CONTACT, CRIMP BARREL, SERIES 1, 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:**
- [Power Lock Connectors \(Series I\) \(Accept Contact 53892 \(PDF, English\)](#)
  - [Inspection of Series I Power Lock Contacts \(PDF, English\)](#)
- CAD Files: (CAD Format & Compression Information)**
- [2D Drawing \(DXF, Version M\)](#)
  - [3D Model \(IGES, Version M\)](#)
  - [3D Model \(STEP, Version M\)](#)

- Additional Information:**
- [Product Line Information](#)
- Related Products:**
- [Tooling](#)

[List all Documents](#)

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

- Product Type Features:**
- Product Type = Contact
  - CSA File Number = LR7189
  - Wire/Cable Type = Discrete Wire
  - Make First / Break Last = No
- Electrical Characteristics:**
- Contact - Rated Current (A) = 31
  - Operating Voltage Reference = AC
  - Operating Voltage (VAC) = 600
- Termination Features:**
- Wire/Cable Size (AWG) = 12 - 18
  - Wire/Cable Size (mm<sup>2</sup>) = 0.811 - 3.09
  - Wire/Cable Size (CMA) = 1,601 - 6,098
  - Termination Method to Wire/Cable = Crimp
- Dimensions:**
- Length (X-Axis) (mm [in]) = 18.29 [0.720]
  - Width (Z-Axis) (mm [in]) = 3.76 [0.148]
  - Profile Height (Y-Axis) (mm [in]) = 3.05 [0.120]
- Contact Features:**
- Contact Type = Pin/Socket
  - Contact Plating, Mating Area, Material = Silver
  - Contact Plating, Mating Area, Thickness (µm [µin]) = 5.08 [200]
  - Contact Base Material = Copper
  - Contact Design = Spring Latch

- 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
  - VDE Tested = No
  - Agency/Standard = CSA, UL
  - UL Rating = Recognized
  - UL File Number = E28476
  - CSA Certified = Yes
- Environmental:**
- Operating Temperature (°C [°F]) = -40 - +75 [-40 - +167]
- Conditions for Usage:**
- Applies To = Wire/Cable
  - Accepts Wire Insulation Diameter, Range (mm [in]) = 0.864 - 0.914 [0.034 - 0.036]
  - Accepts Wire Material = Copper
- Operation/Application:**
- Application Use = Wire-to-Wire
  - Contact Transmits (Typical Application) = Power
- Packaging Features:**
- Packaging Method = Strip
- Other:**
- Brand = AMP

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## Quick Links

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