



## 3-177898-1 Product Details



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TE Internal Number: 3-177898-1  
 Active

View 3D PDF

### Power Double-Lock Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Wire-to-Board, Wire-to-Panel, Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Housing
- Connector Style = Plug

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [AMP POWER DOUBLE LOCK CONN. 3.96mm PITCH PLUG HOUSIN...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#) (PDF, English)

#### Product Specifications:

- [AMP POWER DBL LOCK CONNECTOR](#) (PDF, Japanese)

#### Application Specifications:

- None Available

#### Instruction Sheets:

- [AMP POWER DOUBLELOCK CONNECTOR SERIES](#) (PDF, English)

#### CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)
- [Contacts \(8\)](#)

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

#### Product Type Features:

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

#### Mechanical Attachment:

- Mating Retention Type = Latching

#### Electrical Characteristics:

- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 300

#### Termination Features:

- Termination Method to Wire/Cable = Crimp

#### Body Features:

- Wire Type = Stranded
- Mating Retention = With

#### Contact Features:

- Contact Type = Socket
- Contact Layout = In-Line

#### Housing Features:

- Connector Style = Plug
- [Centerline \(mm \[in\]\)](#) = 3.96 [0.156]
- Housing Material = Nylon 6/6

#### Configuration Features:

- [Number of Positions](#) = 2
- Number of Rows = 1
- [Number of Double-Lock Plates Required](#) = 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 File Number = UL 1977
- UL Flammability Rating = UL 94V-0

#### Environmental:

- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

#### Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- For Use With = Cap: 177906, Tab Header: 179838, Contacts: 177914 or 177915, Double Lock Plate 177918-1

#### Operation/Application:

- Application Use = Wire-to-Board, Wire-to-Panel, Wire-to-Wire
- Contact Transmits (Typical Application) = Signal (Data)/Power

#### Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 500

- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

- Other:**
- Brand = AMP

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