



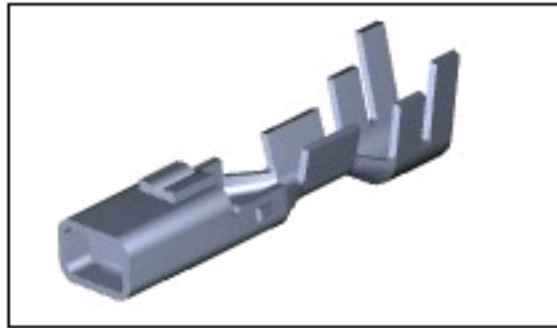
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# 1983664-1 Product Details

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1983664-1

TE Internal Number: 1983664-1  
Active

View 3D PDF

## Power Double-Lock Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Socket
- Glow Wire Rating = Standard Part - Not Glow Wire

[View all Features](#)

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## Documentation & Additional Information

### Product Drawings:

- REC. CONTACT MULTI 6P CONNECTOR (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- Product Specification for Multi 6p double lock Conn. (PDF, English)

### Application Specifications:

- Application specification for Crimping Multi 6p doub... (PDF, English)

### Instruction Sheets:

- None Available

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

- 2D Drawing (DXF, Version A2)
- 3D Model (IGES, Version A2)
- 3D Model (STEP, Version A2)

[List all Documents](#)

### Related Products:

- Tooling

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

### Product Type Features:

- Product Type = Contact
- Termination Method to Wire/Cable = Crimp
- Wire/Cable Type = Discrete Wire
- Sealed = No

### Electrical Characteristics:

- Contact - Rated Current (A) = 3 - 5
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 300
- Operating Voltage (VDC) = 300

### Termination Features:

- Wire/Cable Size (mm<sup>2</sup>) = 0.51 - 1.27
- Wire/Cable Size (AWG) = 22 - 26

### Body Features:

- Wire Type = Stranded

### Contact Features:

- Contact Type = Socket
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Termination Area, Thickness (µm [µin]) = 0.8 - 1 [30 - 40]

### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not reviewed for lead free solder process
- RoHS/ELV Compliance History = Always was RoHS compliant

### Environmental:

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

### Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.30 - 2.00 [0.051 - 0.079]
- For Use With = Plug Housing

### Operation/Application:

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

### Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 5,000

### Other:

- Brand = TE Connectivity
- Comment = Applicable Housing P/N: 1983658-\*, 1983659-\*, 1983660-\*

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