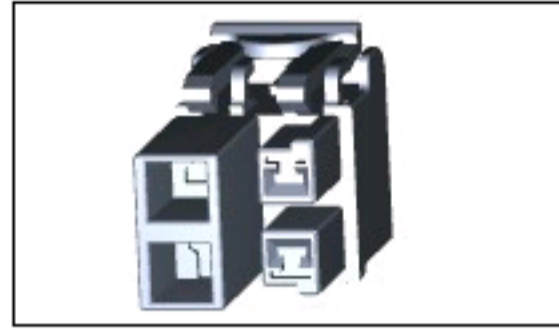




1983659-1 Product Details

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1983659-1

TE Internal Number: 1983659-1
✔ Active

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Power Double-Lock Connectors

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [4P HOUSING 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 \(DXF, Version A3\)](#)
- [3D Model \(IGES, Version A3\)](#)
- [3D Model \(STEP, Version A3\)](#)

[List all Documents](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

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

Mechanical Attachment:

- Mating Retention Type = Latching

Electrical Characteristics:

- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 300
- Operating Voltage (VDC) = 300

Termination Features:

- Termination Method to Wire/Cable = Crimp

Body Features:

- Wire Type = Stranded
- Mating Retention = With

Contact Features:

- Contact Type = Socket, Tab
- Contact Layout = Matrix

Housing Features:

- Connector Style = Plug
- Centerline, Matrix (mm [in]) = 6.60 x 8.50 [.260 x .335]
- Housing Material = Thermoplastic
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Positions = 4
- Number of Rows = 2
- Number of Double-Lock Plates Required = 2

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 = Glow Wire
- For Use With = Contacts: 1983661 and 1983663, Cap: 1983658, Double Lock Plate 1983666

Operation/Application:

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

Packaging Features:

- Packaging Method = Package
- Packaging Quantity = 1,000

Other:

- Brand = TE Connectivity

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