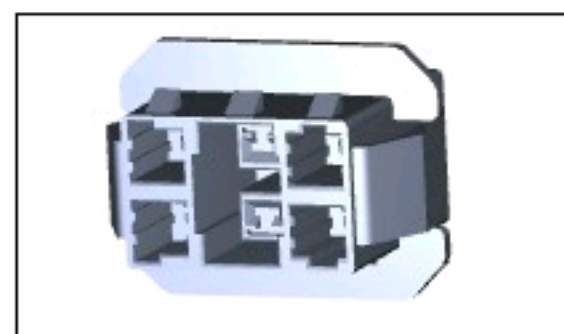


## 1983658-1 Product Details



**1983658-1**

TE Internal Number: 1983658-1

Active

[View 3D PDF](#)

### Power Double-Lock Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

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

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### Documentation & Additional Information

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| <p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MULTI 6P CONNECTOR (PDF, English)</a></li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Specification for Multi 6p double lock Conn. (PDF, English)</a></li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Application specification for Crimping Multi 6p doub... (PDF, English)</a></li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files: (CAD Format &amp; Compression Information)</b></p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing (DXF, Version A4)</a></li> <li>• <a href="#">3D Model (IGES, Version A4)</a></li> <li>• <a href="#">3D Model (STEP, Version A4)</a></li> </ul> | <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul> |
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### Product Features (Please use the Product Drawing for all design activity)

|  |   |
|--|---|
| <p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Type = Connector</li> <li>• Connector Type = Housing</li> <li>• Termination Method to Wire/Cable = Crimp</li> <li>• Wire/Cable Type = Discrete Wire</li> <li>• Sealed = No</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mating Retention Type = Latching</li> <li>• Panel Mount Retention = With</li> <li>• Panel Mount Retention Type = Latch(es)</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Operating Voltage Reference = AC/DC</li> <li>• Operating Voltage (VAC) = 300</li> <li>• Operating Voltage (VDC) = 300</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Panel Thickness (mm [in]) = 1.20 [0.047]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Wire Type = Stranded</li> <li>• Mating Retention = With</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket, Tab</li> <li>• Contact Layout = Matrix</li> </ul> <p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Centerline (mm [in]) = 8.50 [0.334]</li> <li>• Housing Material = Thermoplastic</li> <li>• Housing Color = Natural</li> <li>• Mating Alignment = With</li> <li>• Mating Alignment Type = Polarization</li> <li>• UL Flammability Rating = UL 94V-0</li> </ul> | <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Positions = 6</li> <li>• Number of Rows = 2</li> <li>• Number of Double-Lock Plates Required = 3</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• RoHS/ELV Compliance = RoHS compliant, ELV compliant</li> <li>• Lead Free Solder Processes = Not reviewed for lead free solder process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Panel, Wire/Cable</li> <li>• Glow Wire Rating = Glow Wire</li> <li>• For Use With = Plug Housing</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Panel / Wire-to-Wire</li> <li>• Contact Transmits (Typical Application) = Signal (Data)/Power</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Bag</li> <li>• Packaging Quantity = 500</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = TE Connectivity</li> <li>• Comment = Mating Plug Housing: 1983660-1,1983659-1 &amp; Applicable Contact: 1983661/2-1, 1983663/4-1 &amp; Applicable Plate:1983667-1</li> </ul> |
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