



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**

Number of Positions: **5**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **7.5 A**

Features

Product Type Features

|                                   |                          |
|-----------------------------------|--------------------------|
| Product Type                      | Connector                |
| Accessory Color                   | Natural                  |
| Prewired                          | No                       |
| Assembly Type                     | Electrical Connector     |
| Connector System                  | Wire-to-Panel            |
| Sealable                          | Yes                      |
| Connector & Contact Terminates To | Wire & Cable             |
| Circular Connector Type           | Receptacle               |
| Shell Type                        | Square Flange Receptacle |

Configuration Features

|                             |                       |
|-----------------------------|-----------------------|
| Factory Installed Backshell | Without               |
| Keying                      | Keyway Polarization N |
| Number of Positions         | 5                     |
| Number of Power Positions   | 0                     |
| Number of Signal Positions  | 5                     |
| Contacts Preloaded          | No                    |

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|   |                                     |
|---|-------------------------------------|
| Shell Plating Material                      | Passivated Stainless Steel Firewall |
| Shell Base Material                         | Stainless Steel                     |
| Circular Connector Insulation Material Type | Thermoset                           |
| Hermetically Sealed                         | No                                  |

Contact Features

|                                 |        |
|---------------------------------|--------|
| Contact Current Rating (Max)    | 7.5 A  |
| Reverse Gender                  | No     |
| Contact Layout Arrangement      | 10 – 5 |
| Circular Connector Contact Type | Pin    |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Mating Retention Type    | Threaded      |
| Mating Alignment         | With          |
| Panel Mount Feature      | With          |
| Panel Mount Feature Type | Square Flange |
| Connector Mounting Type  | Panel Mount   |
| Mating Alignment Type    | Keyed         |
| Mating Retention         | With          |

Housing Features

|                               |          |
|-------------------------------|----------|
| Circular Connector Shell Size | 10       |
| Alignment Keyed               | Clocking |

Dimensions

|           |              |
|-----------|--------------|
| Wire Size | .2 – .52 mm² |
|-----------|--------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 260 °C[-85 – 500 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                                 |
|---------------------|---------------------------------|
| Durability Rating   | 500 Cycles                      |
| Circuit Application | Power, Signal & High Speed Data |
| Shielded            | Yes                             |

Industry Standards

|                    |                       |
|--------------------|-----------------------|
| Approved Standards | BACC63, EN2997, ESC10 |
|--------------------|-----------------------|



Product Compliance

For compliance documentation, visit the product page on TE.com>

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions  |
| EU ELV Directive 2000/53/EC                   | Out of Scope   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Pb (1.2% in alloy)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |
| Solder Process Capability                     | Not reviewed for solder process capability   |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|  |   |  |  |
|--|---|--|--|
|  <p>TE Part # ZPF000000000008041<br/>983-3KE-C 10</p> |  <p>TE Part # ZPF000000000140615<br/>983-3KE-D 10</p> |  <p>TE Part # ZPF000000000008050<br/>983-3KE-N 10</p> | <p>TE Part # ZPF000000000003340<br/>66241-10 A</p> |
|--|---|--|--|

Also in the Series | DEUTSCH 983 Series



[Standard Circular Connectors\(3578\)](#)

Customers Also Bought



TE Part #YDTS20F13-35SNV001  
[RECP ASSY](#)



TE Part #YDTS26F15-35SAV001  
[D38999: Straight Plug, 15-35 Insert](#)



TE Part #YDTS26F13-35SBV001  
[PLUG ASSY](#)



TE Part #YDTS26F21-11PNV001  
[PLUG ASSY](#)



TE Part #ZPF000000000008202  
[983-6KE 10-05 SN](#)



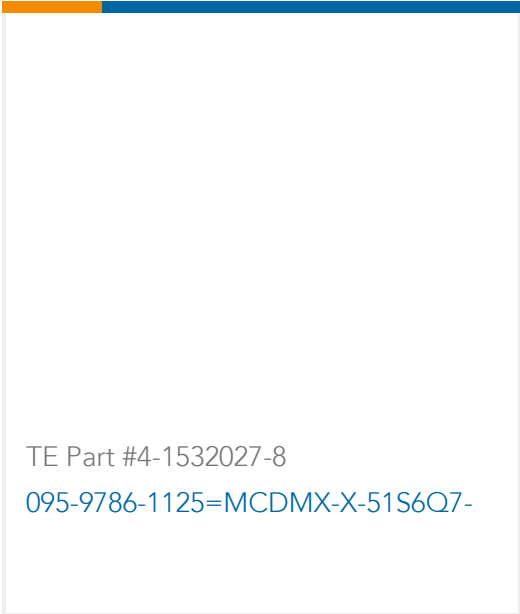
TE Part #1437569-2  
[164EL11=RND MOM ILL PB INO&INC](#)



TE Part #YACT24JA35PNV00100  
[JAM NUT RECEPTACLE](#)



TE Part #7-1437569-5  
[64E5=COLOR PB CAP GREEN ROUND](#)



TE Part #4-1532027-8  
[095-9786-1125=MCDMX-X-51S6Q7-](#)

Documents

Product Drawings

[983-0SE 10-05 PN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000007489\\_1.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000007489\\_1.3d\\_igs.zip](#)

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Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000007489\\_1.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[DEUTSCH 983 Series](#)

English