



Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **55**

Sealable: **Yes**

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

Features

Product Type Features

| | |
|-----------------------------------|--------------------------|
| Assembly Type | Electrical Connector |
| Prewired | No |
| Connector Product Type | Connector Assembly |
| 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 |
| Number of Positions | 55 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 55 |
| Contacts Preloaded | No |

Body Features

| | |
|------------------------|-------------------------------------|
| Primary Product Color | Natural |
| 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 | 22 – 55 |
| Circular Connector Contact Type | Socket |

Termination Features

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

Mechanical Attachment

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

Housing Features

| | |
|-------------------------------|----------|
| Circular Connector Shell Size | 22 |
| Alignment Keyed | Clocking |

Dimensions

| | |
|-----------|-------------|
| Wire Size | 20 – 24 AWG |
|-----------|-------------|

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

| | |
|---|-----------------------|
| Compatible With Approved Standards Products | 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 | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in alloy) Dodecamethylcyclohexasiloxane (D6) (1% in component) Decamethylcyclopentasiloxane (D5) (1% in component) Octamethylcyclotetrasiloxane (D4) (1% in component) Article Safe Usage Statements: 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



TE Part # ZPF000000000003346
[66241-22 A](#)

Also in the Series | **DEUTSCH 983 Series**

Standard Circular Connectors(2787)

Customers Also Bought

TE Part #AS014-97SN
[RECEPT.2 HOLE MNT.TYPE 0](#)

TE Part #ZPF000000000007582
[983-0SE 14-15 S6](#)

TE Part #AS008-35SN
[RECEPT.2 HOLE MNT.TYPE 0](#)

TE Part #ZPF0000000000207152
[DBAS 974-25-04 PN 059](#)

TE Part #ZPF000000000009414
[992 B6 KA 10SL 4 SN 2 C07](#)

TE Part #ASL006-05SA-HE
[RECEPT.ASSY. 2 HOLE MNT.MICRO MK3](#)

TE Part #ZPF000000000009413
[992 B6 KA 10SL 4 SN 2](#)

TE Part #YDIV43E11-35PNC001
[RECP ASSY](#)

TE Part #YDIV43E11-05PNC001
[RECP ASSY](#)

TE Part #ZPF0000000000033586
[983-0SE 08-98 S7](#)



Documents

Product Drawings

983-0SE 22-55 SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ZPF000000000007711_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000007711_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000007711_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DEUTSCH 983 Series

English