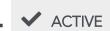
983-0SE 24-30 SN-L V ACTIVE



DEUTSCH | DEUTSCH 983 Series

TE Internal #: ZPF000000000007721

Standard Circular Connectors, Wire-to-Panel, 30 Position, Sealable,

Wire & Cable, Power, Signal & High Speed Data, Panel Mount,

DEUTSCH 983 Series

View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: Wire-to-Panel

Connector Mounting Type: Panel Mount

Number of Positions: 30

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Features

Product Type Features

| Product Type | Connector Assembly |
|-----------------------------------|--------------------------|
| 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 | 30 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 30 |
| Contacts Preloaded | No |

Body Features



| Chall Disting Material | Passivated Stainless Steel Firewall |
|---------------------------------------------|-------------------------------------|
| Shell Plating Material Shell Base Material | Stainless Steel |
| Circular Connector Insulation Material Type | Thermoset |
| Hermetically Sealed | No |
| | |
| Contact Features | |
| Contact Current Rating (Max) | 13 A |
| Reverse Gender | No |
| Contact Layout Arrangement | 24 – 30 |
| Circular Connector Contact Type | Less Socket |
| 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 | 24 |
| Alignment Keyed | Clocking |
| Dimensions | |
| Wire Size | .52 – 1.31 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 | |
| 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 |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| EU ELV Directive 2000/53/EC | Out of Scope |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

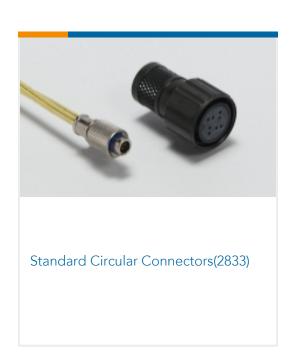
Compatible Parts



TE Part # ZPF00000000003347 66241-24 A

Also in the Series | DEUTSCH 983 Series





Customers Also Bought



TE Part #ZPF000000000007601 983-0SE 16-10 SN-L



TE Part #ZPF000000000007608 983-0SE 16-24 PN-L



TE Part #ZPF000000000007627 983-0SE 18-14 P6 L



TE Part #ZPF000000000007629 983-0SE 18-14 S6 L



TE Part #ZPF000000000007632 983-0SE 18-14 SN-L



TE Part #ZPF000000000007717 983-0SE 24-30 S6 L



TE Part #ZPF000000000007719 983-0SE 24-30 S8 L



TE Part #ZPF000000000008786 983-6SE 12-03 S7 L





Documents

Product Drawings 983-0SE 24-30 SN-L

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ZPF000000000007721_1.2d_dxf.zip

Standard Circular Connectors, Wire-to-Panel, 30 Position, Sealable, Wire & Cable, Power, Signal & High Speed Data, Panel Mount, DEUTSCH 983 Series



English

Customer View Model

ENG_CVM_CVM_ZPF000000000007721_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000007721_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