## 983-0SE 18-31 P6 A1208 V ACTIVE

### DEUTSCH | DEUTSCH 983 Series

TE Internal #: ZPF00000000148455

Wire-to-Panel, Circular Connector Receptacle, 31 Position, Shell Size 18, Sealable, Wire & Cable, Power, Signal & High Speed Data,

**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: 31

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	Circular Connector Receptacle

### **Configuration Features**

Factory Installed Backshell	Without
Number of Positions	31
Number of Power Positions	0
Number of Signal Positions	31
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	18 – 31
Circular Connector Contact Type	Pin
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	6
Mating Alignment Type	Keyed
Mating Retention	With
Housing Features	
Circular Connector Shell Size	18
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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)  Candidate List Declared Against: JUNE 2025 (250)  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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

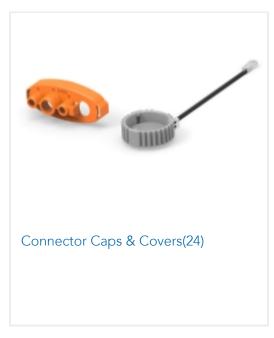
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

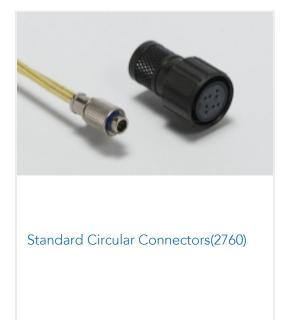
# Compatible Parts



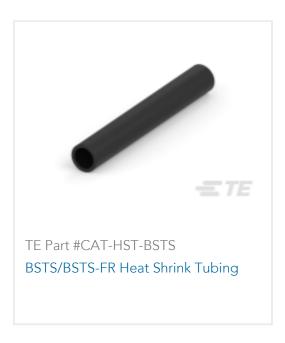


## Also in the Series DEUTSCH 983 Series





# Customers Also Bought

















### **Documents**

Product Drawings
983-0SE 18-31 P6 A1208

English

**CAD Files** 

3D PDF

3D

Wire-to-Panel, Circular Connector Receptacle, 31 Position, Shell Size 18, Sealable, Wire & Cable, Power, Signal & High Speed Data, DEUTSCH 983 Series



**Customer View Model** 

ENG\_CVM\_CVM\_ZPF00000000148455\_1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_ZPF00000000148455\_1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_ZPF00000000148455\_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