983-15 S 2-08-06 PN ✔ ACTIVE

DEUTSCH | DEUTSCH 983 Series

TE Internal #: ZPF000000000163950

Wire-to-Panel, Circular Connector Receptacle, 6 Position, Shell Size 08, 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: **6**

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
Shell Type	Square Flange Receptacle

Configuration Features

Factory Installed Backshell	With
Number of Positions	6
Number of Power Positions	0
Number of Signal Positions	6
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)	5 A
Reverse Gender	No
Contact Layout Arrangement	8 – 6
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	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	08
Alignment Keyed	Clocking

Dimensions

Wire Size	22 – 26 AWG

Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

Operation/Application

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

Industry Standards

Compatible With Approved Standards Products	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



TE Part # ZPF000000000122855
097-0287-22

Also in the Series | DEUTSCH 983 Series



Connector Caps & Covers(24)



Standard Circular Connectors(2760)

Customers Also Bought



TE Part #ZPF000000000139551
983-15 SE 7-12-12 SN-A1499



TE Part #954793-000
B-070-19-04



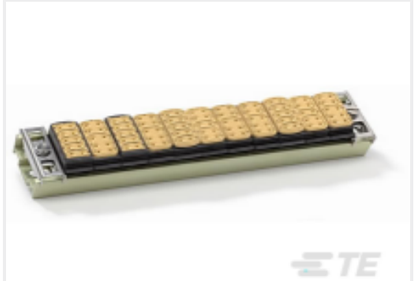
TE Part #980556-000
B-070-19-06



TE Part #650101-000
D-436-78



TE Part #ZPF000000000000429
006-1187-20



TE Part #ZPF000000000020154
FMJ 11E 20-07 G



TE Part #5054144004
RNF-100-1/4-3-SP



TE Part #1577637-1
TERMINAL RT PIDG PEEK STRATO 14-12 AWG

Documents

Product Drawings

983-15 S 2-08-06 PN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ZPF000000000163950_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000163950_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000163950_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