



DEUTSCH | DEUTSCH 983 Series

TE Internal #: ZPF000000000122098

DEUTSCH 983 Series, Standard Circular Connectors, Wire-to-Device, 4 Position, Sealable, Wire & Cable, 60A Contact Current Rating (Max)

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Device**

Number of Positions: **4**

Sealable: **Yes**

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

Contact Current Rating (Max): **60 A**

### Features

#### Product Type Features

Product Type	Connector
Accessory Color	Natural
Prewired	No
Assembly Type	Electrical Connector
Connector System	Wire-to-Device
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plug

#### Configuration Features

Factory Installed Backshell	Without
Keying	Keyway Polarization N
Number of Positions	4
Number of Power Positions	4
Number of Signal Positions	0
Contacts Preloaded	No

#### Body Features

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Shell Plating Material	Passivated Stainless Steel Firewall
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Shell Base Material	Stainless Steel
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Circular Connector Insulation Material Type	Thermoset
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Hermetically Sealed	No
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### Contact Features

Contact Current Rating (Max)	60 A
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Reverse Gender	No
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Contact Layout Arrangement	20 – 4
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Circular Connector Contact Type	Socket
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Mating Retention Type	Threaded
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Mating Alignment	With
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Mating Alignment Type	Keyed
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Mating Retention	With
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### Housing Features

Circular Connector Shell Size	20
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Alignment Keyed	Clocking
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### Dimensions

Wire Size	6 – 12 AWG
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### Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
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### Operation/Application

Durability Rating	500 Cycles
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Circuit Application	Power & Signal & Data
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Shielded	No
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### Industry Standards

Approved Standards	BACC63, EN2997, ESC10
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUN 2020 (209) Candidate List Declared Against: JAN 2019 (197) Pb (1.2% in Contact material) <b>Article Safe Usage Statements:</b> 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 Model / Part #  
ZPF00000000097481  
983-0Y 20-04 PN



TE Model / Part #  
ZPF000000000109992  
983-7Y 20-04 PN-A6255



TE Model / Part #  
ZPF000000000122595  
983-7Y 20-04 PN-A6281




TE Model / Part #  
ZPF000000000141047  
983-7Y 20-04 PN-C6259



TE Model / Part # 4-1773447-3  
Wire & Cable-Protection & Termination

TE Model / Part #  
ZPF000000000003495  
699-0655-20

### Also in the Series | DEUTSCH 983 Series



Standard Circular Connectors(3627)

### Customers Also Bought



TE Model / Part #486635-000  
222K152-25-G13-0




TE Model / Part #ZPF000000000008179  
983-6K 28-42 P7 L



TE Model / Part #ZPF900000000008639  
983-6S 18-08 PN-L-A1263



TE Model / Part #ZPF000000000001261  
097-0267-16 A1267



TE Model / Part #013996-000  
322W205-25-0




TE Model / Part #ZPF000000000001263  
097-0267-20

TE Model / Part #358279-000  
382C312-50-01-0



TE Model / Part #ZPF000000000001259  
097-0266-20



TE Model / Part #620080N004  
D-108-12CS948



TE Model / Part #ZPF0000000000017171  
DTS 26 K 25-04 BA



## Documents

### Product Drawings

[983-6K 20-04 SN](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000122098\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000122098\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000122098\\_1.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[DEUTSCH 983 Series](#)

English