

FDBA 56-12-10 PN-K

✓ ACTIVE

DEUTSCH | DEUTSCH FDBA

TE Internal #: ZPF000000000019114

Wire-to-Panel, Circular Connector Plug, 10 Position, Shell Size 12,
Sealable, Wire & Cable, Power, Signal & High Speed Data,
DEUTSCH FDBA

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**
Number of Positions: **10**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**
Contact Current Rating (Max): **7.5 A**

Features

Product Type Features

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 Plug
Shell Type	Plug

Configuration Features

Number of Positions	10
Number of Power Positions	0
Number of Signal Positions	10
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	115 VDC
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Body Features

Environmental Protection Type	Elastomer Sealed
Primary Product Color	Natural



Shell Plating Material	Black Anodized
Shell Base Material	Aluminum
Circular Connector Insulation Material Type	Thermoset
Hermetically Sealed	No

Contact Features

Contact Current Rating (Max)	7.5 A
Reverse Gender	No
Contact Layout Arrangement	12 – 10
Circular Connector Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Circular Connector Shell Size	12
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Dimensions

Wire Size	20 – 24 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
Circuit Application	Power, Signal & High Speed Data
Shielded	No

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)

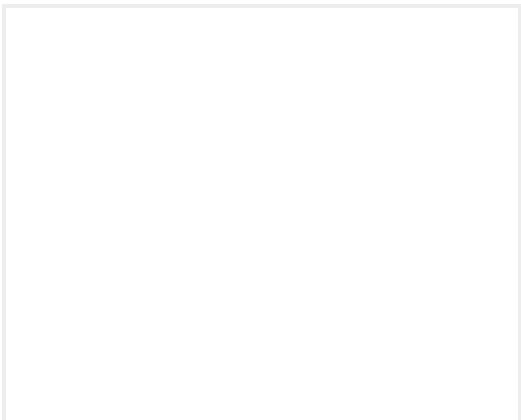
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

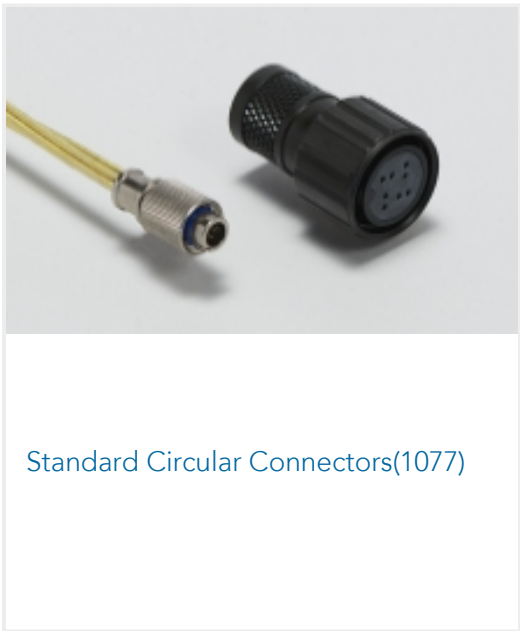
Product Compliance Disclaimer

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 # 601967-1 CRIMPING TOOL M22520/1-01	 TE Part # ZPF000000000000294 006-0910-12
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Also in the Series | DEUTSCH FDBA



Customers Also Bought





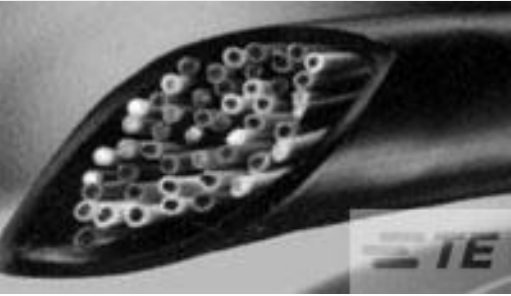
TE Part #412200-000
TTVF150YW-100



TE Part #829102-000
342A112-25-0



TE Part #980892-000
1330-3300-10



TE Part #3419254003
NTFR-1/4-0-SP



TE Part #ZPF000000000019103
FDBA 56-10-6 SW-K



TE Part #036163-000
B-013-10



TE Part #YD369-P33-BS000000
369 3 WAY PLUG, NO CONTACTS, SKT



TE Part #329636
TERMINAL,PIDG R 24-20 2



TE Part #C955863001
55A1824-24-0/4-9



TE Part #CJ6398-000
202K132-25/225-CS-2065-0

Documents

Product Drawings
FDBA 56-12-10 PN-K
English

Datasheets & Catalog Pages
DEUTSCH FDBA-HDBA Series
English