FDBA 50-14-19 SN-K-A499 ✔ ACTIVE

DEUTSCH | DEUTSCH FDBA

TE Internal #: ZPF000000000018171

Wire-to-Panel, Circular Connector Receptacle, 19 Position, Shell Size 14, Sealable, Wire & Cable, Power, Signal & High Speed Data, DEUTSCH FDBA

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**

Connector Mounting Type: **Panel Mount**

Number of Positions: **19**

Sealable: **Yes**

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

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 Receptacle
Shell Type	Square Flange

Configuration Features

Number of Positions	19
Number of Power Positions	0
Number of Signal Positions	19
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	115 VDC

Body Features

Environmental Protection Type	Elastomer Sealed
Primary Product Color	Natural

Shell Plating Material	Nickel
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	14 – 19
Circular Connector Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature Type	Square Flange
Connector Mounting Type	Panel Mount

Housing Features

Circular Connector Shell Size	14

Dimensions

Wire Size	20 – 24 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

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	Out of Scope
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: JAN 2025 (247) 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

Also in the Series | DEUTSCH FDBA



Standard Circular Connectors(1077)

Customers Also Bought



TE Part #ZPF000000000019895
FDBA 57-14-12 SN-K 090 A499



TE Part #ZPF000000000008949
983-6SE 20-04 SN-L-A1325



TE Part #ZPF000000000018837
FDBA 54-10-6 SN-K 090 A499



TE Part #ZPF000000000018099
FDBA 50-14-15 PN-K-B5610



TE Part #ZPF000000000019862
FDBA 57-12-10 SN-K 090 A499



TE Part #ZPF000000000020032
FDBA 57-22-41 SN-K 090 A499



TE Part #ZPF000000000019961
FDBA 57-16-26 PW-K 090 A499



TE Part #ZPF000000000018546
FDBA 50-22-55 SN-K 090 A499



TE Part #ZPF000000000019987
FDBA 57-18-32 SN-K 090 A499

TE Part #ZPF000000000015885
DTP 07-28-01 K 2-000

Documents

Product Drawings

FDBA 50-14-19 SN-K-A499

English

Datasheets & Catalog Pages

DEUTSCH FDBA-HDBA Series

English