



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**
Number of Positions: **41**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**
Contact Current Rating (Max): **7.5 A**

Features

Product Type Features

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

Configuration Features

Keying	Insert Polarization X
Number of Positions	41
Number of Power Positions	0
Number of Signal Positions	41
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	115 VAC
-------------------	---------

Body Features

Environmental Protection Type	Elastomer Sealed
-------------------------------	------------------



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	20 – 41
Circular Connector Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Housing Features

Circular Connector Shell Size	20
-------------------------------	----

Dimensions

Wire Size	.2 – .52 mm²
-----------	--------------

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power, Signal & 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	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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (1.2% in alloy) 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, 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

 <p>TE Part # 601967-1 CRIMPING TOOL M22520/1-01</p>	 <p>TE Part # ZPF000000000000316 006-0910-20</p>
---	--

Also in the Series | **DEUTSCH FDBA**

 <p>Standard Circular Connectors(1433)</p>

Customers Also Bought






TE Part #661269-000
TXR21AB00-1605AI



TE Part #1617807-5
FC-335-SY8= RELAY, 3PST



TE Part #358203-000
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #2-1614894-3
CPF 0805 301K 0.1% 25PPM 1K RL



TE Part #642427-000
Heat Shrink Boots: Poly Mold, Lipped



TE Part #1617147-5
JMGAP-26P = M39016/17-030P



TE Part #1617164-7
JMACT-5XL = M28776/1-025L

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



TE Part #ZPF000000000007174
983-ORS 08-98 PN



TE Part #1617119-5
J1MAW-18XP = M39016/7-021P

Documents

Product Drawings
FDBA 56-20-41 SX-K-A246

English

Datasheets & Catalog Pages
Products for Aerospace and Defense

English
DEUTSCH FDBA-HDBA Series
English