



DEUTSCH

TE Internal #: ZPF000000000006824

Standard Circular Connectors, Wire-to-Panel, 4 Position, Sealable, Wire & Cable, Power & Signal, Cadmium, Aluminum, Thermoset, 0 Power Positions

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Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **4**

Sealable: **Yes**

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

Contact Current Rating (Max): **7.5 A**

Features

Product Type Features

Product Type	Connector Assembly
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

Factory Installed Backshell	No
Keying	N
Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	115 VAC
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Body Features

Shell Plating Material	Cadmium
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	8 – 4
Circular Connector Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Bayonet
Mating Alignment Type	Polarization
Mating Retention	With

Housing Features

Circular Connector Shell Size	8
Alignment Keyed	Clocking

Dimensions

Wire Size	.21 – .93 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power & Signal
Shielded	Yes

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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 2024

(240)

Candidate List Declared Against: JAN 2024

(240)

SVHC > Threshold:

Cd (2% in plating)

Pb (1.2% in alloy)

Article Safe Usage Statements:

Use personal protective equipment as required. 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 Part # ZPF000000000000867
PINCE AFM-8

Customers Also Bought



TE Part #ZPF0000000000031681
951-06 RC 8-3A S 50

TE Part #AN6E-8S-1S-003-3
CONN.STRAIGHT PLUG



Documents

Product Drawings

[951-06 RC 8-4 S 50](#)

English

Datasheets & Catalog Pages

[DEUTSCH 951 Series](#)

English

Mouser Electronics

Authorized Distributor

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