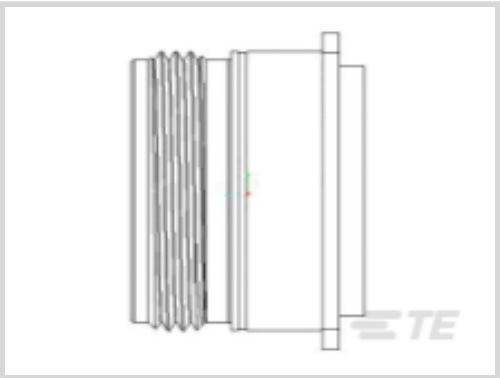




Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **3**

Sealable: **Yes**

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

Circuit Application: **Power**

Features

Product Type Features

Product Type	Connector
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Square Flange Receptacle

Configuration Features

Keying & Polarized Position Locations	N
Factory Installed Backshell	No
Keying	Keyway Polarization N
Number of Positions	3
Number of Power Positions	3
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	900 VAC
Voltage	2300 Vrms

Body Features

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Peripheral Seal Material	Silicone
Environmental Protection	Yes
Environmental Protection Type	Hermetically Sealed
Fluid Type	Coolanol 25, M2-V, MIL-DTL-5624 (JP-4,JP-5), MIL-DTL-83133 (JP-8), MIL-PRF-23699, MIL-PRF-5606, MIL-PRF-7808, SEA-AMS1424 Type I
Feedthrough Type	No
Shell Plating Material	Nickel
Shell Base Material	Stainless Steel
Circular Connector Insulation Material Type	Glass/Silicone
Hermetically Sealed	Yes

Contact Features

Contact Quantity (Size 16)	11
Contact Layout Arrangement	8 – 3
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Retention Type	Triple Start Threaded
Panel Mount Feature	With
Panel Mount Feature Type	Solder Mount
Connector Mounting Type	Panel Mount
Polarization Code	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	F (19)
Alignment Keyed	Clocking

Dimensions

Assembly Length	28.1 mm[1.106 in]
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Usage Conditions

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

Operation/Application

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Circuit Application	Power
Shielded	Yes

Packaging Features

Packaging Quantity	1
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Other

Position Locations Omitted	0
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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>

Customers Also Bought



TE Part #1-2176342-7 CRGCQ 0805 470R 5%	TE Part #822521-000 Bulbous Heat Shrink Boots: Lipped, Straight	TE Part #1630184-3 Resistor Cap Discharge YP10	TE Part #1-2176246-0 CRGS2512 5% 5R6
TE Part #13A-015A BOARD LEVEL PRESSURE STOCK LIST	TE Part #5677794002 RNF-3000 Single Wall Spool HS Tubing	TE Part #1579024-8 HTV10 HAND TOOL MATE-N-LOK, 0.2-0.82	TE Part #ZPF000000000019796 FDBA 56-8-3A-PN-K 090
TE Part #5052954017 RNF-100-3/32-2-SP	TE Part #5052974021 RNF-100-3/32-6-SP		

Documents

Product Drawings
HERM RECP

English

Datasheets & Catalog Pages
Hermetic Connectors

English