



Connectors > Circular Connectors > Standard Circular Connectors > PLUG WITH RFI GROUNDING - FEMALE - CIRH



Connector System: **Cable-to-Cable, Wire-to-Wire**

Number of Positions: **7**

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

Circuit Application: **Power & Signal**

Reverse Gender: **Yes**

[All PLUG WITH RFI GROUNDING - FEMALE - CIRH \(17\)](#)

Features

Product Type Features

Product Type	Connector
Accessory Color	Black
Prewired	No
Connector System	Cable-to-Cable, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Factory Installed Backshell	Without
Number of Positions	7
Contacts Preloaded	No

Body Features

Shell Plating Material	Black Chromate Over Zn Cobalt
Shell Base Material	Aluminum Alloy
Circular Connector Insulation Material Type	Low Fire Hazard Rubber

Contact Features

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Reverse Gender	Yes
Contact Layout Arrangement	18 – 19
Circular Connector Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Bayonet
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	18
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Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-55 – 200 °C[-67 – 392 °F]

Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

Packaging Features

Packaging Quantity	10
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Other

Position Locations Omitted	All
Field Serviceable	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	Not Yet Reviewed
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 (.15% in Aluminium alloy 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.
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Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable 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 # CAT-R131-C4967L
CRIMP CONTACT PIN - CIRH



TE Part # CAT-R131-C4967M
CRIMP CONTACT SOCKET - CIRH

Also in the Series | CIRH



Circular Connector Contact Inserts(15)



Circular Connector Seals(17)



Standard Circular Connectors(71)

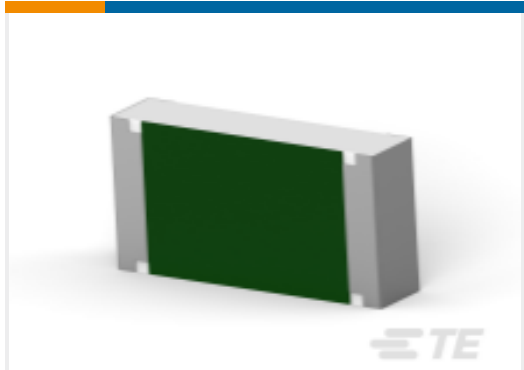


Unscreened Circular Connector Backshells & Clamps(55)

Customers Also Bought



TE Part #0462-209-16141
DEUTSCH SOLID CONTACTS



TE Part #1-2176399-4
3502 3K3 5%



TE Part #1623457-1
CRG1206 1% 20K



TE Part #114017-ZZ
DEUTSCH SEALING PLUGS





TE Part #Y5015-000000100142

4 HOLE FLANGE RECEPTACLE REAR PNL FEM.



TE Part #1-480698-0

02P UMNL PLUG HSG NATL



TE Part #1622793-1

ZEROHM 0204 CERAMIC

Documents

Product Drawings

FREE SOCKET CONNECTOR

French

Datasheets & Catalog Pages

CIRH Brochure

English

Product Specifications

Application Specification

French