



**CIRH**

TE Internal #: Y5015-000000100148

CIRH, Standard Circular Connectors, Wire-to-Wire / Cable-to-Cable, 48 Position, Wire & Cable, Power & Signal, Panel Mount, Reverse Gender

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors > 4 HOLE FLANGE RECEPTACLE REAR PNL FEM.



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

Number of Positions: **48**

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

Circuit Application: **Power & Signal**

Connector Mounting Type: **Panel Mount**

[All 4 HOLE FLANGE RECEPTACLE REAR PNL FEM. \(17\)](#)

**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	48
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**



Reverse Gender	Yes
Contact Layout Arrangement	36 – 10
Circular Connector Contact Type	Socket

#### Mechanical Attachment

Mating Retention Type	Bayonet
Mating Alignment	With
Panel Mount Feature Type	Square Flange
Connector Mounting Type	Panel Mount
Mating Alignment Type	Keyed
Mating Retention	With

#### Housing Features

Circular Connector Shell Size	36
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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.

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

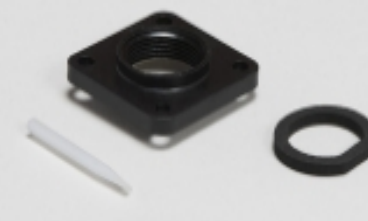


TE Part # CAT-R131-C4967M  
CRIMP CONTACT SOCKET - CIRH


## Also in the Series | CIRH




Circular Connector Contact Inserts(15)



Circular Connector Seals(17)

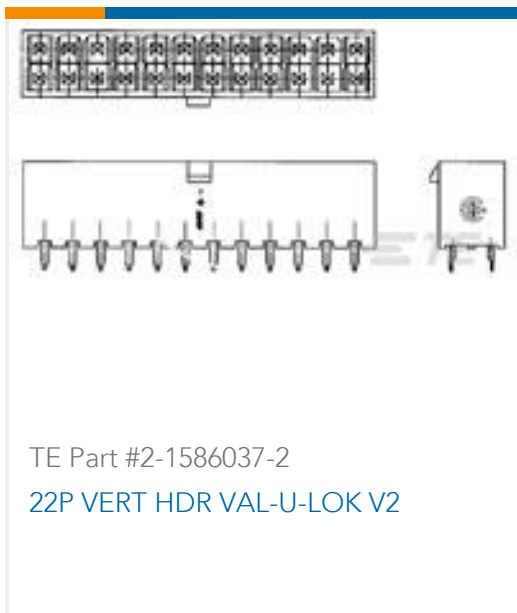


Standard Circular Connectors(71)



Unscreened Circular Connector Backshells & Clamps(55)

## Customers Also Bought



## Documents

### Product Drawings

[FIXED SOCKET CONNECTOR](#)

French

### Datasheets & Catalog Pages

[CIRH Brochure](#)

English

### Product Specifications

[Application Specification](#)

French