



CIRH

TE Internal #: Y5015-000000100147

TE Internal Description: FIXED PIN CONNECTOR

Flange Receptacle, 4 Hole, Rear Panel, Male

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Connectors > Circular Connectors > Standard Circular Connectors > Flange Receptacle, 4 Hole, Rear Panel, Male



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**

Features

Product Type Features

Product Type	Connector Assembly
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	Pin
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Mechanical Attachment

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

Circular Connector Shell Size	36
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Usage Conditions

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

Circuit Application	Power & Signal
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Shielded	Yes
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Packaging Features

Packaging Quantity	10
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Other

Position Locations Omitted	All
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Field Serviceable	Yes
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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Documents

Product Drawings

FIXED PIN CONNECTOR

French

Datasheets & Catalog Pages

CIRH Brochure

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Product Specifications

Application Specification

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