



CIRH

TE Internal #: Y5015-000000100144

TE Internal Description: FIXED SOCKET CONNECTOR

Female Receptacle Connector, 4 Hole Flange, Rear Panel

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Connectors > Circular Connectors > Standard Circular Connectors > Female Receptacle Connector, 4 Hole Flange, Rear Panel



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

Number of Positions: **19**

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 | 19 |
| 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 | 32 – 76 |



| | |
|---------------------------------|--------|
| Circular Connector Contact Type | Socket |
|---------------------------------|--------|

Mechanical Attachment

| | |
|-----------------------|---------|
| Mating Retention Type | Bayonet |
|-----------------------|---------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|--------------------------|---------------|
| Panel Mount Feature Type | Square Flange |
|--------------------------|---------------|

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|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

| | |
|-----------------------|-------|
| Mating Alignment Type | Keyed |
|-----------------------|-------|

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

Housing Features

| | |
|-------------------------------|----|
| Circular Connector Shell Size | 32 |
|-------------------------------|----|

Usage Conditions

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|------------------------|------|
| IP Water Sealing Level | IP67 |
|------------------------|------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 200 °C[-67 – 392 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

| | |
|----------|-----|
| Shielded | Yes |
|----------|-----|

Packaging Features

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|--------------------|----|
| Packaging Quantity | 10 |
|--------------------|----|

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: JUNE 2023 (235) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed |
|--|--|

| | |
|-----------------|--------------------------------------|
| 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 SOCKET CONNECTOR

French

Datasheets & Catalog Pages

CIRH Brochure

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[Product Specifications](#)

[Application Specification](#)

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