

1838891-3 ✓ ACTIVE



TE Internal #: 1838891-3

Standard Circular Connectors, Wire-to-Panel, 5 Position, Sealable, Printed Circuit Board, Signal, Panel Mount, Reverse Gender, Nickel, Zinc Die Cast

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **5**

Sealable: **Yes**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **5 A**

## Features

### Product Type Features

Product Type	Connector
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Receptacle
Shell Type	Metal

### Configuration Features

Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5

### Electrical Characteristics

Operating Voltage	500 VAC
-------------------	---------

### Body Features

Environmental Protection Type	Sealed
-------------------------------	--------



Environmental Protection	With
Shell Plating Material	Nickel
Shell Base Material	Zinc Die Cast
Circular Connector Insulation Material Type	Polyamide

### Contact Features

Contact Current Rating (Max)	5 A
Reverse Gender	Yes
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Socket

### Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

### Usage Conditions

Operating Temperature Range	-25 – 90 °C[-13 – 194 °F]
-----------------------------	---------------------------

### Operation/Application

Circuit Application	Signal
Shielded	No

### Packaging Features

Packaging Quantity	50
--------------------	----

### Other

Field Serviceable	No
-------------------	----

### 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	Compliant
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 2022 (224) Candidate List Declared Against: JAN 2022 (223)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

## 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



## Documents

## Product Drawings

M12 Mtl FEMALE PNL CONN. Sldr Rear (Hex)

English

## CAD Files

Customer View Model

ENG\_CVM\_CVM\_1838891-3\_C.2d\_dxf.zip

English

## 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1838891-3\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1838891-3\_C.3d\_stp.zip

English



---

**Datasheets & Catalog Pages**

**M8 / M12 Connector System Catalog**

English

---

**Product Specifications**

**Application Specification**

English