

293688-1 ✓ ACTIVE

NECTOR | NECTOR M Series

TE Internal #: 293688-1

Standard Circular Connectors, Wire-to-Panel, 5 Position, Wire & Cable, Power & Signal, Panel Mount, PA, A Polarization Code, PA, NECTOR M Series

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **5**

Sealable: **No**

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

Contact Current Rating (Max): **20 A**

## Features

### Product Type Features

Product Type	Housing
Prewired	No
Connector Product Type	Housing
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plastic

### Configuration Features

Keying	A
Number of Positions	5
Number of Power Positions	5
Contacts Preloaded	No

### Electrical Characteristics



Operating Voltage	400 VAC
-------------------	---------

### Body Features

Weight	11.15 g[.02 lb]
--------	-----------------

Shell Base Material	PA
---------------------	----

Circular Connector Insulation Material Type	PA
---	----

Hermetically Sealed	No
---------------------	----

### Contact Features

Contact Current Rating (Max)	20 A
------------------------------	------

Reverse Gender	No
----------------	----

Circular Connector Contact Type	Pin
---------------------------------	-----

### Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

### Mechanical Attachment

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

Polarization Code	A
-------------------	---

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

Mating Retention	Without
------------------	---------

### Housing Features

Alignment Keyed	Clocking
-----------------	----------

### Dimensions

Wire Size	1.5 – 2.5 mm <sup>2</sup>
-----------	---------------------------

### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
-----------------------------	---------------------------

### Operation/Application

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

Shielded	No
----------	----

### Packaging Features

Packaging Quantity	125
--------------------	-----

### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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



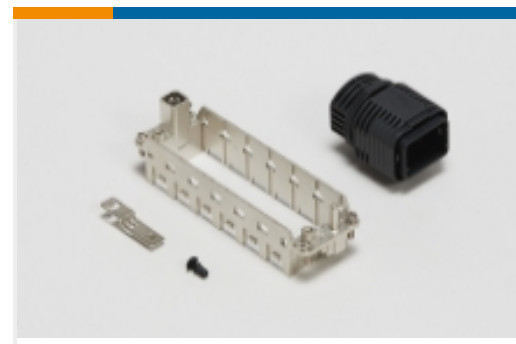
Also in the Series | **NECTOR M Series**



Circular Connector Hardware(1)



Plug &amp; Socket Lighting Connector Accessories(1)



Rectangular Connector Hardware(13)



Rectangular Power Connectors(2)



Standard Circular Connectors(124)

## Documents

### Product Drawings

[NECTOR M PIN HSG PANEL MOUNT 5P CODE A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_293688-1\\_A\\_c-293688-1-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_293688-1\\_A\\_c-293688-1-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_293688-1\\_A\\_c-293688-1-a.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[Agency Approval Document](#)

English