

2213464-1 ✓ ACTIVE

NECTOR | NECTOR M Series

TE Internal #: 2213464-1

Standard Circular Connectors, Wire-to-Wire, 3 Position, Wire & Cable, Power & Signal, Panel Mount, PBT, A Polarization Code, PBT GF, NECTOR M Series

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **3**

Sealable: **No**

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

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

## Features

### Product Type Features

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

### Configuration Features

|                           |    |
|---------------------------|----|
| Keying                    | A  |
| Number of Positions       | 3  |
| Number of Power Positions | 3  |
| Contacts Preloaded        | No |

### Electrical Characteristics



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

### Body Features

|        |                |
|--------|----------------|
| Weight | 5.9 g[.013 lb] |
|--------|----------------|

|                     |     |
|---------------------|-----|
| Shell Base Material | PBT |
|---------------------|-----|

|   |        |
|---|--------|
| Circular Connector Insulation Material Type | PBT GF |
|---|--------|

|                     |    |
|---------------------|----|
| 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 | 500 |
|--------------------|-----|

### 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                   | Not Yet Reviewed  |
| 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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



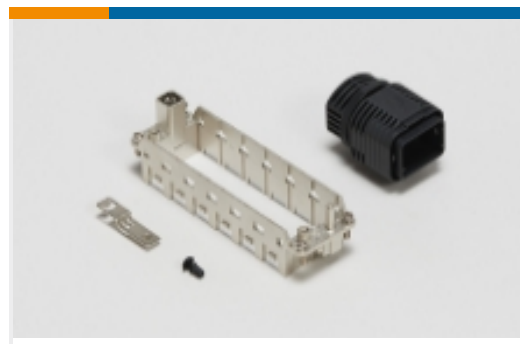
## Also in the Series | [NECTOR M Series](#)



Circular Connector Hardware(1)



Plug & Socket Lighting Connector Accessories(1)



Rectangular Connector Hardware(13)



Rectangular Power Connectors(2)



Standard Circular Connectors(124)

## Documents

### Product Drawings

[NECTOR M 3P PIN HSG, PNL MNT, CODE A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2213464-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2213464-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2213464-1\\_B.3d\\_stp.zip](#)

English

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

### Agency Approvals

[UL Report](#)

English