

### NECTOR | NECTOR M Series

TE Internal #: 2307526-1

Wire-to-Board, 7 Position, Sealable, Power, A Polarization Code, PBT GF, 7 Power Positions, NECTOR M Series, Standard Circular

Connectors

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#### Connectors > Circular Connectors > Standard Circular Connectors











Connector System: Wire-to-Board

Number of Positions: 7

Sealable: Yes

Circuit Application: Power

Reverse Gender: No

### **Features**

### **Product Type Features**

| Product Type                                | Connector Assembly |
|---|--------------------|
| Connector System                            | Wire-to-Board      |
| Sealable                                    | Yes                |
| Circular Connector Type                     | Receptacle         |
| Configuration Features                      |                    |
| Number of Positions                         | 7                  |
| Number of Power Positions                   | 7                  |
| Contacts Preloaded                          | Yes                |
| Electrical Characteristics                  |                    |
| Operating Voltage                           | 400 VAC            |
| Body Features                               |                    |
| Circular Connector Insulation Material Type | PBT GF             |



| Reverse Gender                  | No                         |
|---------------------------------|----------------------------|
| Circular Connector Contact Type | Socket                     |
| Mechanical Attachment           |                            |
| Polarization Code               | A                          |
| Mating Alignment Type           | Polarization               |
| Usage Conditions                |                            |
| IP Water Sealing Level          | IP67                       |
| IP Dust Sealing Level           | 6                          |
| Operating Temperature Range     | -40 - 100 °C[-40 - 212 °F] |
| Operation/Application           |                            |
| Circuit Application             | Power                      |
| Shielded                        | No                         |
| Industry Standards              |                            |
| UL Flammability Rating          | UL 94V-0                   |

## **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 with Exemptions   |
| 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 2024 (241)  Candidate List Declared Against: JUNE 2024 (241)  SVHC > Threshold:  Pb (1.6% in Component Part)  Article Safe Usage Statements:  Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| 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





Plug & Socket Lighting Connector Accessories(1)



Rectangular Power Connectors(2)



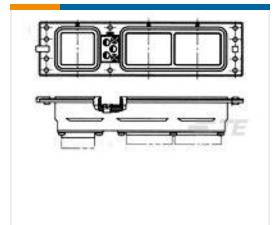
Standard Circular Connectors(124)

# Customers Also Bought





TE Part #7-1617791-0 3SBM6004R2=4PDT 1/5 SIZE LATCHING RELAY



TE Part #1484613-2 RECP ASSY, SZ 2, ARINC 600







TOOL





### **Documents**

### **Product Drawings**

NECTOR M 7P SEALED SOCKET PCB CODE A

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_2307526-1\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2307526-1\_A.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2307526-1\_A.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

### **Agency Approvals**

NECTOR M CONNECTORS CB TEST CERTIFICATE TO IEC 61535

English

NECTOR M CONNECTORS CB TEST REPORT TO IEC 61535

English