



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 6

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

Sealable: **No**

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

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

Features

Product Type Features

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

Configuration Features

|                           |    |
|---------------------------|----|
| Number of Positions       | 6  |
| Number of Power Positions | 6  |
| Contacts Preloaded        | No |

Electrical Characteristics

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

Body Features



|                                             |                 |
|---------------------------------------------|-----------------|
| Product Weight                              | 10.1 g[.352 oz] |
| 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 | Socket |

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Alignment        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Polarization Code       | C                          |
| Mating Alignment Type   | Keyed                      |
| Mating Retention        | Without                    |

Housing Features

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

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 18 – 14 AWG |
|-----------|-------------|

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
| Shielded            | No             |

Industry Standards

|                                             |    |
|---------------------------------------------|----|
| Compatible With Approved Standards Products | UL |
|---------------------------------------------|----|

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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>

Also in the Series | NECTOR M Series



Connector Hardware(3)



Standard Circular Connectors(45)

Customers Also Bought





TE Part #1617807-5  
FC-335-SY8= RELAY, 3PST

TE Part #ZPF000000000001261  
097-0267-16 A1267

TE Part #1616058-6  
A703CD (FAA/PMA)=RELAY

TE Part #1617147-5  
JMGAP-26P = M39016/17-030P

TE Part #CAT-HST-BSTS  
BSTS/BSTS-FR Heat Shrink Tubing

TE Part #ZPF000000000007174  
983-0RS 08-98 PN

TE Part #358279-000  
382C312-50-01-0

TE Part #YDTS20Y13-98XNV001  
HERM RECP

Documents

Product Drawings

NECTOR M SKT HSG FREE HANGING CODE C

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_293656-3\_A\_c-293656-3-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_293656-3\_A\_c-293656-3-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_293656-3\_A\_c-293656-3-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

Application Specification

English

Agency Approvals

Agency Approval Document

English

