# 1879995-1 ✔ ACTIVE

NECTOR | NECTOR M Series

TE Internal #: 1879995-1

Standard Circular Connectors, Wire-to-Wire, 5 Position, Wire & Cable, Power, A-A Polarization Code, PA66+PA6 GF30, 5 Power Positions, NECTOR M Series

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors







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

Number of Positions: **5**

Sealable: **No**

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

Contact Current Rating (Max): **13 A**

## Features

### Product Type Features

| | |
|---|---|
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Keying | A-A |
| Number of Positions | 5 |
| Number of Power Positions | 5 |
| Contacts Preloaded | Yes |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Environmental Protection | Without |
| Circular Connector Insulation Material Type | PA66+PA6 GF30 |
| Hermetically Sealed | No |

## Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | 13 A |
| Reverse Gender | No |
| Contact Layout Arrangement | Circular |
| Circular Connector Contact Type | Pin/Socket |

## Mechanical Attachment

| | |
|---|---|
| Mating Retention Type | Latch |
| Mating Alignment | With |
| Polarization Code | A-A |
| Mating Alignment Type | Keyed |
| Mating Retention | With |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 - 70 °C[-40 - 158 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |
| Shielded | No |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 100 |

# 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (1.6% in Component Part)<br>**Article Safe Usage Statements:**<br>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 | 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



TE Part # 1-1879995-1
NECTOR M 5P T-SPLITTER CONNECTOR CODE A

## Also in the Series | NECTOR M Series



Connector Hardware(6)



Plug & Socket Lighting Connector Accessories(1)



Rectangular Power Connectors(2)

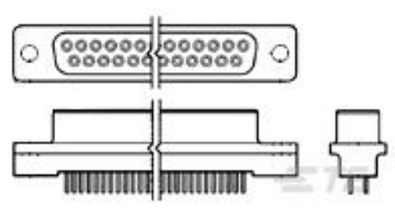


Standard Circular Connectors(124)

## Customers Also Bought



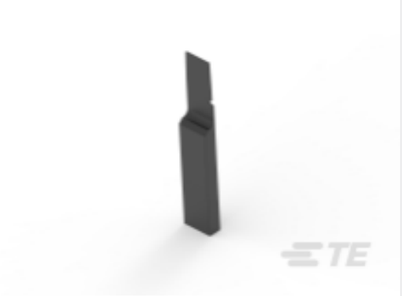
TE Part # 1SNK710151R0000
ZK10-PE-3P



TE Part # 745058-4
25 RCPT SP/AP INSRT



TE Part # 2213783-1
NECTOR M 5,6,7 MOLDED DE-LATCH TOOL



TE Part # 747934-1
15 SHIELD ENCLOSURE HDP



TE Part # 293660-3
NECTOR M PLASTIC NUT 5,6,7P



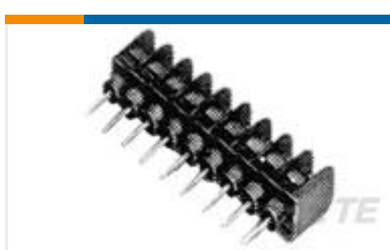
TE Part # 1SNK160061R0000
MC812PA 51->60 (x10) Horizontal



TE Part # 1SNK706030R0000
ZK4-OR



TE Part # 293773-1
NECTOR M SKT HSG PANEL MOUNT 7P CODE A



TE Part # 1-1437665-6
JC6-P107-12=JC6 ASSEMBLY



TE Part # 2-329458-1
BNC BHD JACK KIT

## Documents

### Product Drawings

NECTOR M 5P T-SPLITTER CONNECTOR CODE A

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879995-1_A_c-1879995-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879995-1_A_c-1879995-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879995-1_A_c-1879995-1-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

### Agency Approvals

## UL Report

English