



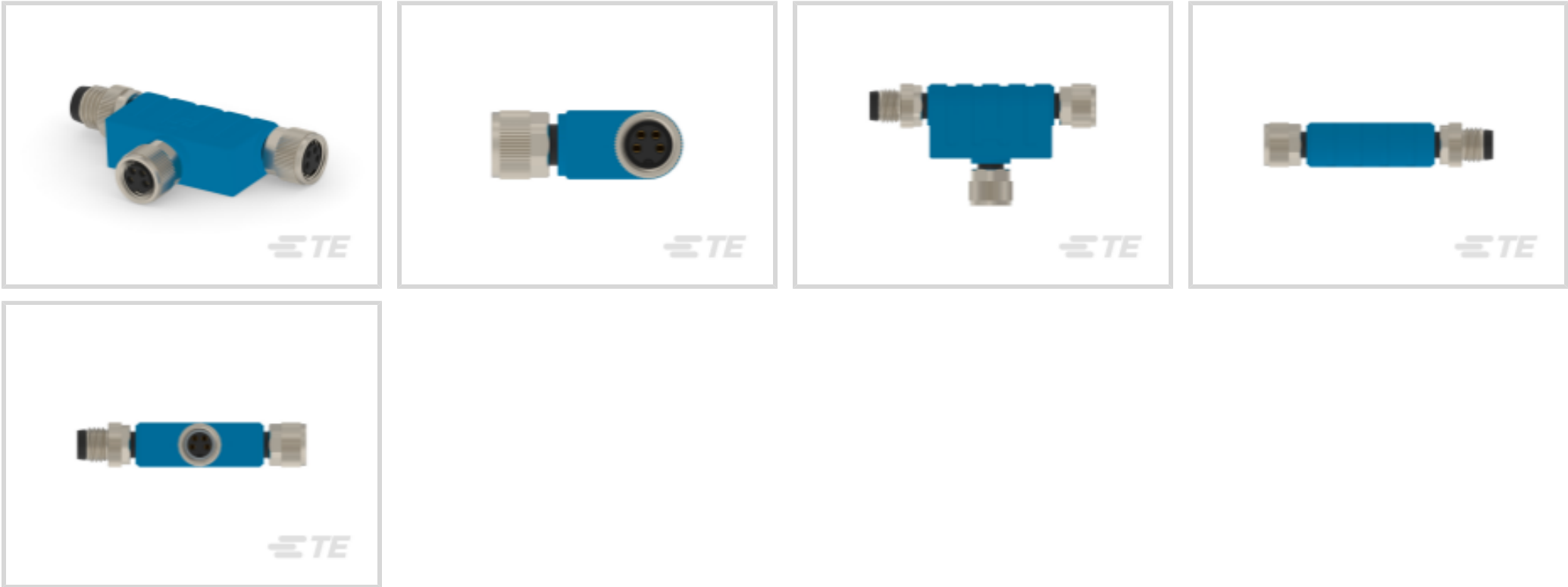
M8 Connector

TE Internal #: T4082102004-000

4 Position Circular Connector, Cable-to-Cable, Sealable, Wire & Cable, Signal, Reverse Gender, Plastic, A Code, Polyamide 66 GF25, M8 Connector

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 4

Connector System: **Cable-to-Cable**

Sealable: **Yes**

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

Contact Current Rating (Max): **3 A**

Features

Product Type Features

| | |
|-----------------------------------|----------------------|
| Assembly Requirement | Factory Assembled |
| Circular Connector Shell Type | All Plastic |
| Connector Product Type | Connector Assembly |
| Assembly Type | Electrical Connector |
| Prewired | No |
| Connector System | Cable-to-Cable |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Circular Connector Type | Plug |
| Shell Type | Plastic |

Configuration Features

| | |
|---------------------------------------|------|
| Keying & Polarized Position Locations | A |
| Factory Installed Backshell | With |
| Number of Positions | 4 |



| | |
|----------------------------|-----|
| Number of Power Positions | 0 |
| Number of Signal Positions | 4 |
| Contacts Preloaded | Yes |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 30 VDC |
|-------------------|--------|

Body Features

| | |
|---|-------------------|
| Environmental Protection | IP67 |
| Environmental Protection Type | Sealed |
| Primary Product Color | Black |
| Shell Base Material | Plastic |
| Circular Connector Insulation Material Type | Polyamide 66 GF25 |
| Hermetically Sealed | Yes |

Contact Features

| | |
|---------------------------------|-----|
| Contact Current Rating (Max) | 3 A |
| Reverse Gender | Yes |
| Circular Connector Contact Type | Pin |

Termination Features

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

Mechanical Attachment

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

Usage Conditions

| | |
|-----------------------------|---------------------------|
| IP Dust Sealing Level | 6 |
| IP Water Sealing Level | IP67 |
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |

Operation/Application

| | |
|---------------------|------------|
| Durability Rating | 100 Cycles |
| Circuit Application | Signal |
| Shielded | No |



Industry Standards

| | |
|---|-----|
| Compatible With Approved Standards Products | IEC |
|---|-----|

Packaging Features

| | |
|--------------------|---|
| Packaging Quantity | 1 |
|--------------------|---|

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4% in 8755878253) 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 | 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 # T4051110004-001
M8 CABLE ST MALE 0.5M 4P PVC CABLE


Also in the Series | M8 Connector



Connector Hardware(4)



M8/M12 Cable Assemblies(147)



Standard Circular Connectors(106)

Customers Also Bought



TE Part #1703278-2
TAB A 1.6x0.6 CONTACT CF SWS Sn



TE Part #1564562-5
SLIDE, TAB HSG GROUP D



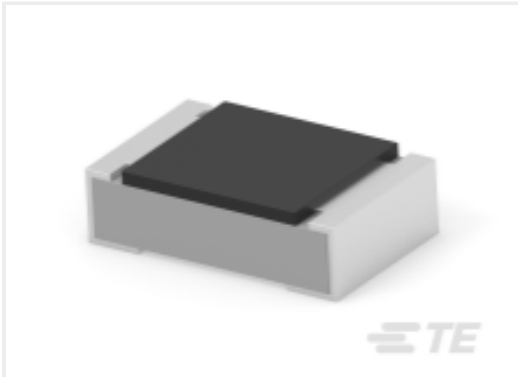
TE Part #2-2176571-9
RLC73N 2A R13 1% 1K RL



TE Part #T4061310004-001
M8 CABLE ST FEMALE 0.5M 4POS PVC CABLE



TE Part #2108857-1
PCB Ant, MHF, 50mm, Wi-Fi, 6E TripleBand



TE Part #3-2176575-5
RLC73PH 2A R15 1% 1K RL



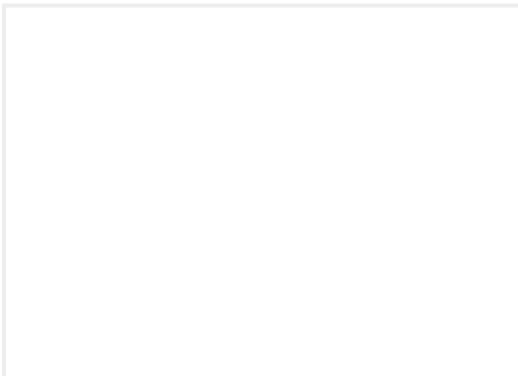
TE Part #1-1670901-1
12POS, AMP MCP2.8, REC HSG, ASSY



TE Part #T4061120003-005
M8 CABLE ST M 5M 3POS PUR CABLE



TE Part #T4011008041-000
M8, SCREW, MALE, S, UNSHIELD, 4P, GOLD



TE Part #DTM06-4S-KIT
DTM06-4S AND WEG ONLY



Documents

Product Drawings

M8 T DISTRIBUTOR MALE 4POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T4082102004-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T4082102004-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T4082102004-000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL

English