1838275-2 - ACTIVE

TE Internal #: 1838275-2 Standard Circular Connectors, Wire-to-Wire, 2 Position, Sealable, Wire & Cable, Signal, Reverse Gender, A Polarization Code, PA, Hermetically Sealed

View on TE.com >

connectivity

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: Wire-to-Wire

Number of Positions: 2

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 5 A

Features

Product Type Features

| Assembly Requirement | Factory Assembled |
|-----------------------------------|----------------------|
| Prewired | No |
| Assembly Type | Electrical Connector |
| Circular Connector Shell Type | All Plastic |
| Connector Product Type | Connector Assembly |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Circular Connector Type | Plug |
| Shell Type | Plastic |
| Configuration Features | |
| Factory Installed Backshell | Without |
| Number of Positions | 2 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 2 |

Standard Circular Connectors, Wire-to-Wire, 2 Position, Sealable, Wire & Cable, Signal, Reverse Gender, A Polarization Code, PA, Hermetically Sealed



| Contacts Preloaded | Yes |
|---|---------|
| Electrical Characteristics | |
| Operating Voltage | 500 VAC |
| Body Features | |
| Environmental Protection Type | Sealed |
| Environmental Protection | With |
| Circular Connector Insulation Material Type | PA |
| Hermetically Sealed | Yes |
| Contact Features | |
| Contact Current Rating (Max) | 5 A |
| Reverse Gender | Yes |
| Circular Connector Contact Type | Pin |
| Mechanical Attachment | |
| Polarization Code | A |
| Mating Alignment Type | 1 Key |
| Mating Retention | With |
| | |

Housing Features

| Circular Connector Shell Size | 15 |
|-------------------------------|---------------------------|
| Dimensions | |
| Wire Size | .34 – .5 mm² |
| Usage Conditions | |
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
| Operation/Application | |
| Circuit Application | Signal |
| Shielded | No |
| Packaging Features | |
| Packaging Quantity | 50 |
| Other | |
| Field Serviceable | Yes |
| | |

Product Compliance

Standard Circular Connectors, Wire-to-Wire, 2 Position, Sealable, Wire & Cable, Signal, Reverse Gender, A Polarization Code, PA, Hermetically Sealed



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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 | Hand solderable with lead free solder |

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-onreach

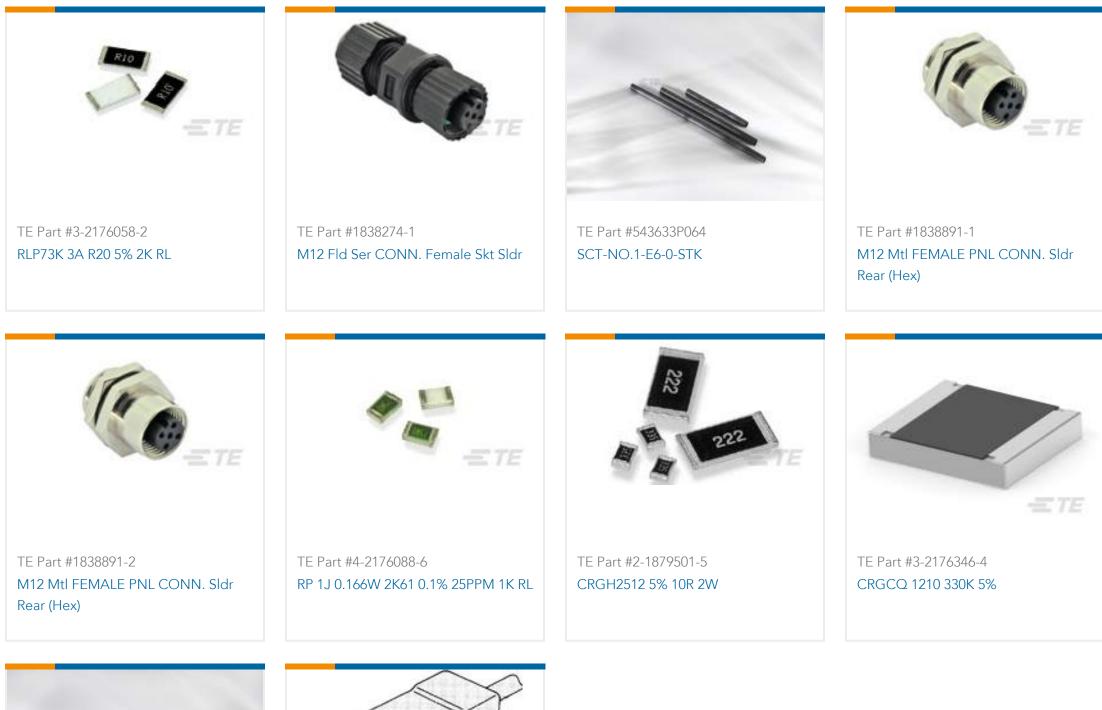
Compatible Parts



Customers Also Bought

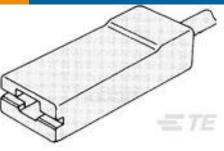
Standard Circular Connectors, Wire-to-Wire, 2 Position, Sealable, Wire & Cable, Signal, Reverse Gender, A Polarization Code, PA, Hermetically Sealed







TE Part #607381P046 SCT-NO.2-E5-0-STK



TE Part #1-480416-0 FASTON 250 REC HSG NYLON NAT

Documents

Product Drawings M12 Fld Ser CONN. Male Pin Sld

English

CAD Files

Customer View Model ENG_CVM_CVM_1838275-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model ENG_CVM_CVM_1838275-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1838275-2_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

C For support call+1 800 522 6752

Standard Circular Connectors, Wire-to-Wire, 2 Position, Sealable, Wire & Cable, Signal, Reverse Gender, A Polarization Code, PA, Hermetically Sealed



M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

Product Specifications
Product Specification

English