

929974-1 ✓ ACTIVE

AMP | Round Connector System

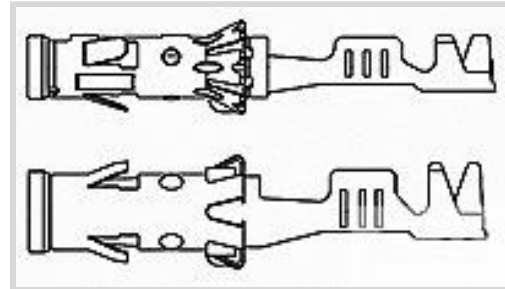
TE Internal #: 929974-1

Round Connector System, Automotive Terminals, Receptacle, Pin Diameter 2.5 mm [.098 in], Terminal Transmits 25 – 40 A (Power), .5 – 1mm² Wire Size

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal & Splice Type: **Receptacle**

Mating Pin Diameter: **2.5 mm [.098 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **.5 – 1 mm²**

Sealable: **Yes**

[All ROUND CONNECTOR SYSTEM, PIN AND SOCKET \(77\)](#)

Features

Product Type Features

| | |
|-------------------------------|---------------|
| Receptacle Style | 180° |
| Sealable | Yes |
| Primary Locking Feature | Locking Lance |
| Automotive Terminal Wire Type | Copper |

Contact Features

| | |
|---|------------------|
| Typical Current Rating | 20 A |
| Crimp Type | F-Crimp |
| Terminal & Splice Type | Receptacle |
| Mating Pin Diameter | 2.5 mm [.098 in] |
| Automotive Terminal Interface Plating | Tin (Sn) |
| Contact Termination Area Plating Material | Tin (Sn) |

Termination Features

| | |
|--|-------|
| Automotive Terminal Termination Method | Crimp |
|--|-------|

Dimensions

| | |
|--------------------------|---|
| Wire Size | .5 – 1 mm ² |
| Wire Size Search | .5 mm ² , .6 mm ² , .75 mm ² , .85 mm ² , 1 mm ² |
| Wire Insulation Diameter | 1.2 – 2.1 mm [.047 – .082 in] |



Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F] |
| Operating Temperature Range | -40 – 130 °C [-40 – 266 °F] |

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 3000 |

Other

| | |
|--------------------|-------------------|
| Terminal Transmits | 25 – 40 A (Power) |
|--------------------|-------------------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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 applicable 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 Model / Part # CAT-C4962-CH8172
CIRCULAR DIN HOUSINGS



TE Model / Part # 58606-1
PROCRIMP 1.5 & 2.5MM PIN/SEAL



TE Model / Part # 1-1579007-8
EXTRACTION TOOL



TE Model / Part # 828920-1
EINZELADERDICHUNG



TE Model / Part # 2151139-1
OCEAN-2.0-APPLICATOR-S-080F160OV



TE Model / Part # 2151139-2
OCEAN-2.0-APPLICATOR-S-080F160OV



TE Model / Part # 5-2151139-1
OCEAN-2.0-APPLICATOR-S-080F160OV



TE Model / Part # 58606-2
PC DIE 1.5 & 2.5 PIN W/S



KIT
REPRESENTATION ONLY

TE Model / Part # 7-2151139-7
OCEAN_2.0_SPARE_PART_KIT-080F160OV



TE Model / Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Model / Part # 4-967325-1
2,5MM BU-GEH 4P,BL



TE Model / Part # 2-2151139-1
OCEAN-2.0-APPLICATOR-S-080F160OV



TE Model / Part # 2-2151139-2
OCEAN-2.0-APPLICATOR-S-080F160OV



TE Model / Part # 5-2151139-2
OCEAN-2.0-APPLICATOR-S-080F160OV



TE Model / Part # 7-2151139-1
OCEAN-2.0-APPLICATOR-S-080F160OV



KIT
REPRESENTATION ONLY

TE Model / Part # 7-2266055-7
OC-080F160O-CRIMPTOOLINGKIT



TE Model / Part # 1394081-1
1,5/2,5MM BU-GEH31P

Also in the Series | [Round Connector System](#)



Automotive Connector Caps & Covers (5)



Automotive Housings(16)



Automotive Seals & Cavity Plugs(3)

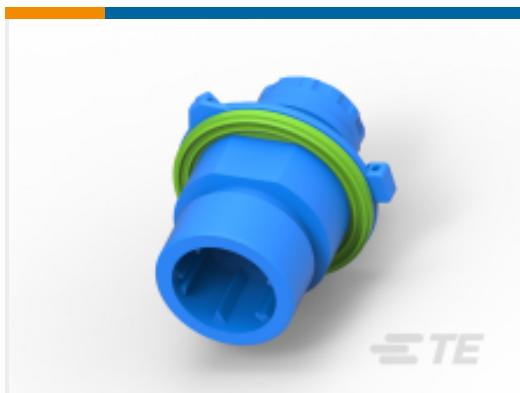


Automotive Terminals(77)



Insertion & Extraction Tools(9)

Customers Also Bought



TE Model / Part #1-967325-3
CIRCULAR DIN HOUSINGS



TE Model / Part #965786-1
CIRCULAR DIN BACKSHELLS



TE Model / Part #929975-1
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Model / Part #828921-1
EINZELADERDICHUNG



TE Model / Part #828920-1
EINZELADERDICHUNG

Documents

Product Drawings

[BU-KONTAKT 2,5MMD](#)

English

CAD Files

Customer View Model

[ENG_CVM_929974-1_A5.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_929974-1_A5.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_929974-1_A5.2d_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

2,5mm Kontaktsystem (neutral)

English

Application Specification

English

Application Specification

English

Product Environmental Compliance

MD_929974-1_05032018327_dmtec

English

MD_929974-1_05032018327_dmtec

English