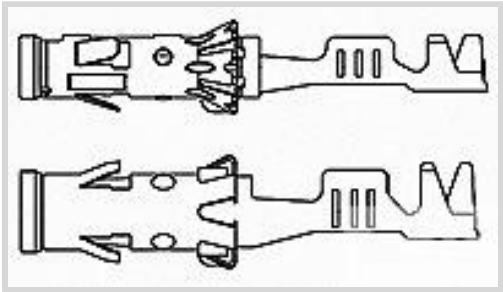




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: **Socket**
Mating Pin Diameter: **1.5 mm [.059 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **.5 - 1 mm²**

[All Round Connector System, Pin and Socket \(53\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	20 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.5 mm[.059 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	1.2 - 2.1 mm[.047 - .082 in]
Wire Size	.5 - 1 mm²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
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]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Terminal Transmits	0 - 24 A (Low Power)
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

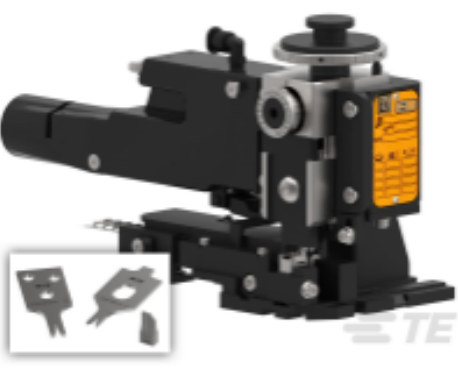
Product Compliance Disclaimer

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 Part # CAT-C4962-CH8172 Circular DIN Housings	 TE Part # 58606-1 PROCRIMP 1.5 & 2.5MM PIN/SEAL	 TE Part # 1394081-1 1,5/2,5MM BU-GEH31P	 TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON
 TE Part # 1337352-1 E3 RECEPTACLE CONN. ASSY.	 TE Part # 2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV-RSM	 TE Part # 2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 2387332-1 SDE F 2.5mm CONTACT 0.35-1.0mm2 ASSY	 TE Part # 2387332-2 SDE F 2.5mm CONTACT 0.35-1.0mm2 DIE SET	 TE Part # 5-2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV-RSM	 TE Part # 5-2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV-RSA
 TE Part # 58606-2 PC DIE 1.5 & 2.5 PIN W/S	 TE Part # 7-2151139-7 OCEAN_2.0_SPARE_PART_KIT-080F160OV	 TE Part # 7-2266055-7 OC-080F160O-CRIMPTOOLINGKIT	 TE Part # 7-2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV

Also in the Series | Round Connector System



Automotive Connector Caps & Covers
(3)



Automotive Housings(13)



Automotive Terminals(53)



Connector Seals & Cavity Plugs(3)



Insertion & Extraction Tools(8)

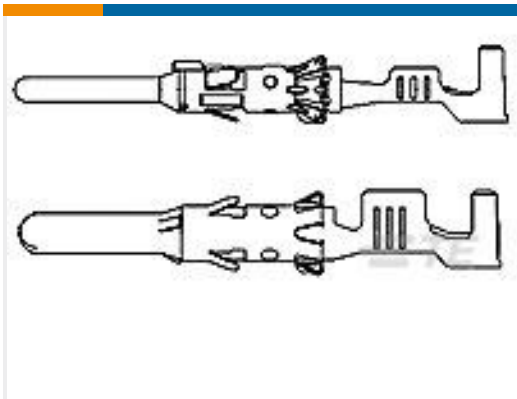
Customers Also Bought



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



TE Part # 965576-1
ABDECKKAPPE 90GRD



TE Part # 1703014-1
DIA 1.5MM CONTACT PIN,ASSY



TE Part # 2137358-3
AMP-MCP 2.8mm RECEPTACLE
HOUSING , 18POS



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 1-515152-4
SHAFT, BELT TENSION



TE Part # 2-2819195-6
2 W ABS CABLE ASSY MBB 10.000



TE Part # 2-2819195-8
2 W ABS CABLE ASSY MBB 12.000



TE Part # K1050201
Limit switch EBC 602-9 E-905-M



TE Part # 2819196-9
3 W ABS CABLE ASSY MBB 7.000

Documents



Product Drawings

1,5MM SOCK CONTACT

English

CAD Files

Customer View Model

ENG_CVM_CVM_929989-1_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_929989-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_929989-1_M.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

German

Application Specification

English

Application Specification

English