

1-929974-4 ✓ ACTIVE

AMP | Round Connector System

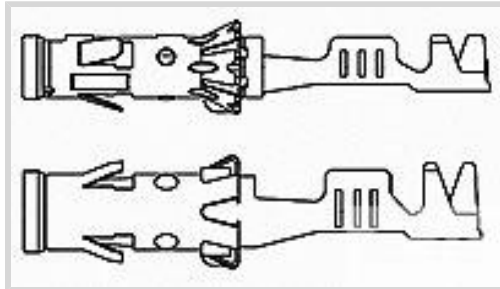
TE Internal #: 1-929974-4

Automotive Terminals, Socket, Pin Diameter .098 in [2.5 mm], 20 – 17 AWG Wire Size, .5 – 1 mm<sup>2</sup> Wire Size, Sealable, Round Connector System

[View on TE.com >](#)



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



Terminal Type: **Socket**

Mating Pin Diameter: 2.5 mm [.098 in]

Terminal Transmits: 25 – 40 A (Power)

Wire Size: .5 – 1 mm<sup>2</sup>

[All Round Connector System, Pin and Socket \(74\)](#)

### 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	2.5mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	40 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	2.5 mm[.098 in]
Interface Plating	Silver (Ag)
Contact Termination Area Plating Material	Tin (Sn)

#### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



### Dimensions

Wire Size	.5 – 1 mm <sup>2</sup>
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.2 – 2.1 mm [.047 – .082 in]

### 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 Method	Strip
Packaging Quantity	3000

### Other

Terminal Transmits	25 – 40 A (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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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









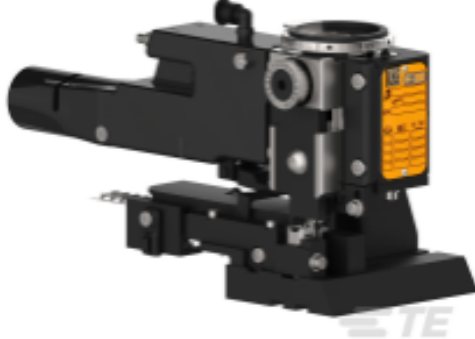







#### Product Compliance Disclaimer

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

 <p>TE Part # 58606-1 PROCrimp 1.5 &amp; 2.5mm PIN/SEAL</p>	 <p>TE Part # 1-1579007-8 EXTRACTION TOOL</p>	 <p>TE Part # 828920-1 EINZELADERDICHTUNG</p>	 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>
 <p>TE Part # CAT-C4962-CH8172 CIRCULAR DIN HOUSINGS</p>	 <p>TE Part # 1394081-1 1,5/2,5MM BU-GEH31P</p>	 <p>TE Part # 4-967325-1 2,5MM BU-GEH 4P,BL</p>	 <p>TE Part # 2-2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV</p>
 <p>TE Part # 2-2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV</p>	 <p>TE Part # 2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV</p>	 <p>TE Part # 2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV</p>	 <p>TE Part # 2387332-1 SDE F 2.5mm CONTACT 0.35-1.0mm2 ASSY</p>
 <p>TE Part # 2387332-2 SDE F 2.5mm CONTACT 0.35-1.0mm2 DIE SET</p>	 <p>TE Part # 5-2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV</p>	 <p>TE Part # 5-2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV</p>	 <p>TE Part # 58606-2 PC DIE 1.5 &amp; 2.5 PIN W/S</p>




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



TE Part # 7-2151139-2  
OCEAN-2.0-APPLICATOR-S-080F160OV




TE Part # 7-2151139-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F160OV




TE Part # 7-2266055-7  
OC-080F160O-CRIMP TOOLING KIT


## Also in the Series | Round Connector System




Automotive Connector Caps & Covers (5)




Automotive Housings(16)



Automotive Seals & Cavity Plugs(3)



Automotive Terminals(74)



Insertion & Extraction Tools(8)

## Customers Also Bought



TE Part #3-520151-2  
ULTRAFast 187 ASSY REC 16-14  
TPBR LP



TE Part #HDP24-18-14SN  
REC, 14P, BLK, N, 16, S



TE Part #776531-2  
AS 16, 6P PLUG ASSY, RD, KEY 2



TE Part #925590-1  
JPT REC 2.8 Contact SRC Sn



TE Part #171661-2  
E-J MK-2 070 TAB CONT



TE Part #6-928918-1  
MQS, RECEPTACLE AND TAB



TE Part #184346-1  
2X2 CAP ASY KEY A C3



TE Part #928781-2  
FF 110 TAB 1.0-2.5 MM2 PTP CUZN30



## Documents

### Product Drawings

[2,5MM SWS REC.CONT.](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-929974-4\\_A5.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-929974-4\\_A5.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-929974-4\\_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

[Application Specification](#)

English

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English