



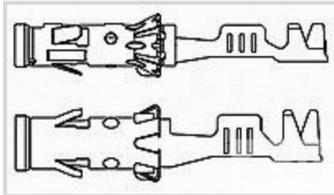
AMP | Round Connector System

TE Internal #: 929974-8

Socket Terminal, 20 – 17 AWG, .5 – 1 mm² Wire, Gold (Au),
 Sealable, 2.5 mm [.098 in] Pin Diameter, Single Wire Seal (SWS),
 Round Connector System

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Automotive Parts > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: **Socket**

Wire Size: **20 – 17 AWG**

Interface Plating: **Gold (Au)**

Primary Locking Feature: **Locking Lance**

[All Round Connector System, Pin and Socket \(46\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

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

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	20 – 17 AWG
Wire Size Search	.5 mm ² , .6 mm ² , .75 mm ² , 1 mm ²
Tab Length	20.7 mm [.814 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	150 °C [302 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 828920-1
EINZELADERDICHTUNG



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



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



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



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



TE Part # 1-967354-1
2.5MM BU-GEH KPL 9P



TE Part # 1-1579007-8
EXTRACTION TOOL



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



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



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



TE Part # 2387332-2
SDE F 2.5mm CONTACT 0.35-1.0mm2 DIE SET



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

Also in the Series | **Round Connector System**



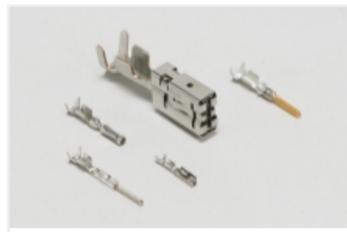
Automotive Connector Caps & Covers (5)



Automotive Housings(30)



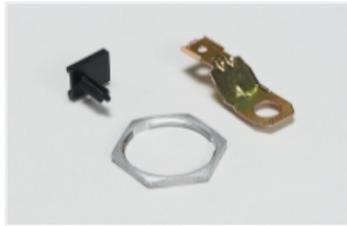
Automotive Signal & Power Connector Housings(12)



Automotive Terminals(56)

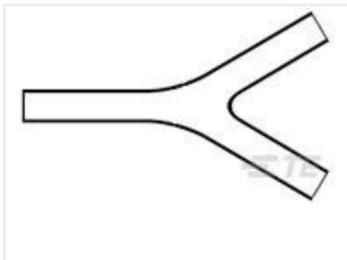


DIN Connectors(3)



Other Automotive Connector Accessories(31)

Customers Also Bought



TE Part #199348-000
381A303-51/164-0



TE Part #828920-1
EINZELADERDICHTUNG



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



TE Part #1-1670214-1
7POS, MIXED,TAB HSG,ASSY,CODA



TE Part #2050049-2
3POS 2.8MM SENSOR PLUG ASSY



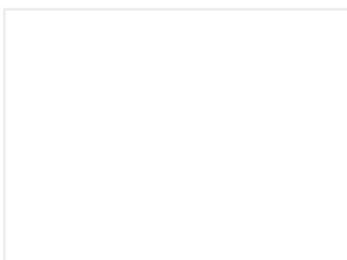
TE Part #2304884-1
16POS,HYBRID,REC HSG ASSY,SLD, COD 1



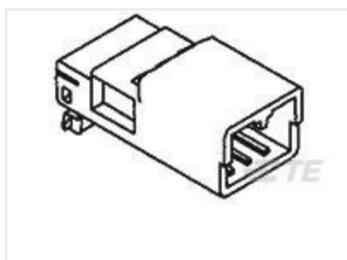
TE Part #2304887-1
16POS,HYBRID,TAB HSG ASSY,SLD, COD 1



TE Part #2327042-1
2POS,MCON 1.2,TAB HSG ASSY,SLD, COD A



TE Part #1337101-1
BLANKING PLUG



TE Part #345178-2
040 SERIES CAP HSG. 6 POSMULTI

Documents



Product Drawings

[2,5MM ST-KONT EDS](#)

English

[2,5MM ST-KONT EDS](#)

English

CAD Files

Customer View Model

[ENG_CVM_929974-8_A5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_929974-8_A5.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_929974-8_A5.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English