

929970-1 ✓ ACTIVE

AMP | Round Connector System

TE Internal #: 929970-1

Socket Terminal, 20 – 17 AWG, .5 – 1 mm² Wire, Tin (Sn), 2.5 mm [.098 in] Pin Diameter, Unsealed, Terminates To Wire, 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: **Tin (Sn)**

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	No

Body Features

Terminal Seal Type	Unsealed
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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	Tin (Sn)



Mating Pin Diameter	2.5 mm[.098 in]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.1 mm[.055 – .083 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)	130 °C[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	Reel
Packaging Quantity	3200

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

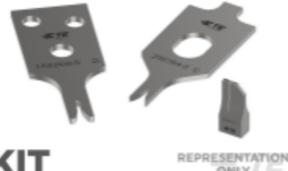
Solder Process Capability

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



KIT
REPRESENTATION ONLY

TE Part # 7-2837603-7
TOOLING KIT TO MAKE LOOSE PIECE TERMINAL



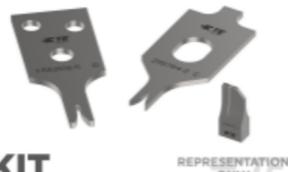
TE Part # 964197-1
AM RINGZUNGE MIF



TE Part # 2-1579024-5
HAND TOOL 2,5 MM DIA. CONTACTS 0,5-1,0



TE Part # 2266254-1
OCEAN-2.0-APPLICATOR-S-080F1000-RSM



KIT
REPRESENTATION ONLY

TE Part # 7-2266254-7
OCEAN_2.0_SPARE_PART_KIT-080F1000



TE Part # 2266254-2
OCEAN-2.0-APPLICATOR-S-080F1000-RSA



TE Part # 1-1579007-8
EXTRACTION TOOL



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 1703021-1
DIA 2.5MM CONTACT WITH WELDING FLAG



TE Part # 2837603-1
APPLICATOR TO MAKE LOOSE PC TERMINAL-RSM



TE Part # 2837603-2
APPLICATOR TO MAKE LOOSE PC TERMINAL-RSA

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



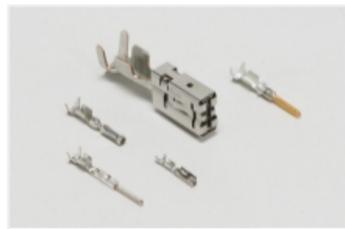
Automotive Connector Caps & Covers (5)



Automotive Housings(30)



Automotive Signal & Power Connector Housings(12)



Automotive Terminals(56)

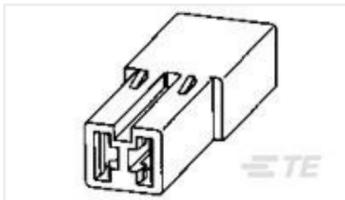


DIN Connectors(3)

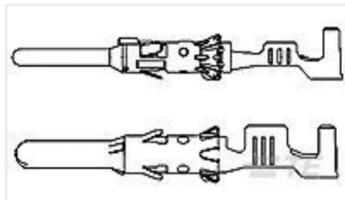


Other Automotive Connector Accessories(31)

Customers Also Bought



TE Part #881600-1
FF 250 HOUSING RECEPTACLE
NATURAL PA.6.6



TE Part #929963-1
STIFTKONTAKT 2,5MMD



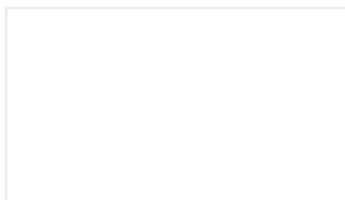
TE Part #1241964-6
STD TIM HOUSING 6P



TE Part #2404685-1
PICO 22P REC COVER HSG(CODE A)



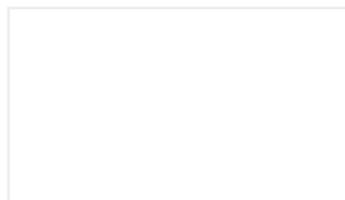
TE Part #CAT-EC7491-CH8172
ECONOSEAL, CONNECTOR
HOUSING



TE Part #1-880298-1
2 WAY FASTIN-ON RECEP HOUSING



TE Part #CAT-EC7491-T273
Econoseal Receptacles and Tabs



TE Part #2219134-1
CORELESS C-SENSOR FOR TS

Documents

Product Drawings

[SOCKET CONTACT 2,5MMD](#)

German

CAD Files

Customer View Model

[ENG_CVM_929970-1_A5.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_929970-1_A5.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_929970-1_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

Heavy Duty Connectors

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English