

929970-1 ✓ ACTIVE

AMP | Round Connector System

TE Internal #: 929970-1

Automotive Terminals, Socket, Pin Diameter .098 in [2.5 mm], 20 – 17 AWG Wire Size, .5 – 1 mm² Wire Size, 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 mm²

[All ROUND CONNECTOR SYSTEM, PIN AND SOCKET \(74\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

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	Tin (Sn)
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 ²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.4 – 2.1 mm [.055 – .083 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
------------------------------------	--------

Packaging Features

Packaging Method	Reel
Packaging Quantity	3200

Other

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

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 1-1579007-8 EXTRACTION TOOL</p>	 <p>TE Part # 2-1579024-5 HAND TOOL 2,5 MM DIA. CONTACTS 0,5-1,0</p>	 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 2-2266254-1 OCEAN-2.0-APPLICATOR-S-080F1000</p>
 <p>TE Part # 2-2266254-2 OCEAN-2.0-APPLICATOR-S-080F1000A</p>	 <p>TE Part # 2266254-1 OCEAN-2.0-APPLICATOR-S-080F1000</p>	 <p>TE Part # 2266254-2 OCEAN-2.0-APPLICATOR-S-080F1000A</p>	 <p>TE Part # 2837603-1 APPLICATOR TO MAKE LOOSE PIECE TERMINALS</p>
 <p>TE Part # 7-2266254-1 OCEAN-2.0-APPLICATOR-S-080F1000</p>	 <p>TE Part # 7-2266254-2 OCEAN-2.0-APPLICATOR-S-080F1000A</p>	 <p>TE Part # 7-2266254-7 OCEAN_2.0_SPARE_PART_KIT-080F1000</p>	 <p>TE Part # 7-2837603-7 TOOLING KIT TO MAKE LOOSE PIECE TERMINAL</p>

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 #DT06-08SB
DEUTSCH DT Series Housings & Connectors



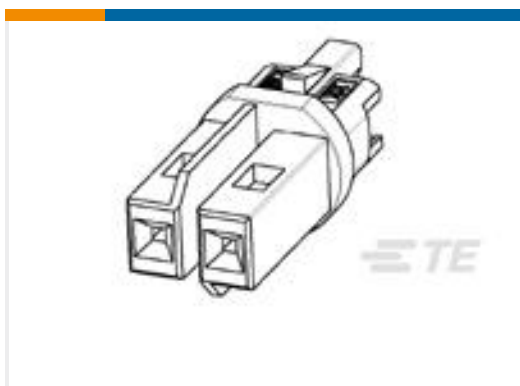
TE Part #170362-1
UNIV M-N-L SOC. 22-18 AWG



TE Part #1718490-1
AMP MCP, UNSEALED CONNECTOR HOUSING



TE Part #1740262-1
NECTOR S OUTLET HV-1 WHITE



TE Part #1740449-2
NECTOR S PLUG LV-2 YELLOW



TE Part #7-1393246-1
W23-X1A1G-30=W23/W31



TE Part #1740317-1
NECTOR S DISTRIBUTOR ASSY 6 POS WHITE



TE Part #1740261-1
NECTOR S RING CLIP WHITE

Documents

Product Drawings

[SOCKET CONTACT 2,5MMD](#)

English

[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](#)

English