

929963-1 ✓ ACTIVE

AMP | Round Connector System

TE Internal #: 929963-1

Automotive Terminals, Pin, Pin Diameter .098 in [2.5 mm], 20 – 17

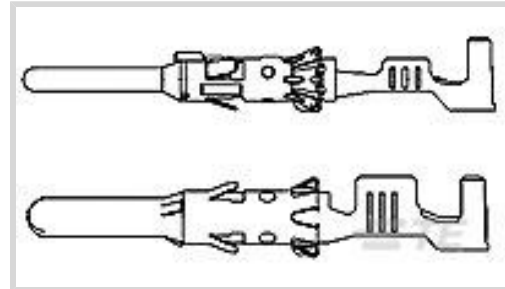
AWG Wire Size, .5 – 1 mm² Wire Size, Locking Locking Lance,

Round Connector System

[View on TE.com >](#)



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



Terminal Type: Pin

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	Pin
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
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Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
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Wire Insulation Diameter	1.4 – 2.1 mm [.055 – .082 in]
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Usage Conditions

Insulation Option	Uninsulated
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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]
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Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	3500
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 1-1579007-8
EXTRACTION TOOL



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



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2266254-1
OCEAN-2.0-APPLICATOR-S-080F1000



TE Part # 2-2266254-2
OCEAN-2.0-APPLICATOR-S-080F1000A



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



TE Part # 2266254-2
OCEAN-2.0-APPLICATOR-S-080F1000A



TE Part # 2837603-1
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS




TE Part # 7-2266254-1
OCEAN-2.0-APPLICATOR-S-080F1000



TE Part # 7-2266254-2
OCEAN-2.0-APPLICATOR-S-080F1000A




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

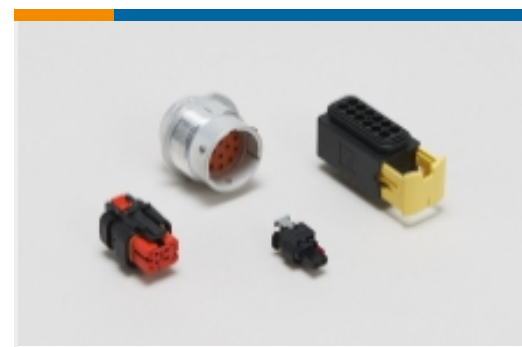


KIT
TE Part # 7-2837603-7
TOOLING KIT TO MAKE LOOSE
PIECE TERMINAL


Also in the Series | Round Connector System



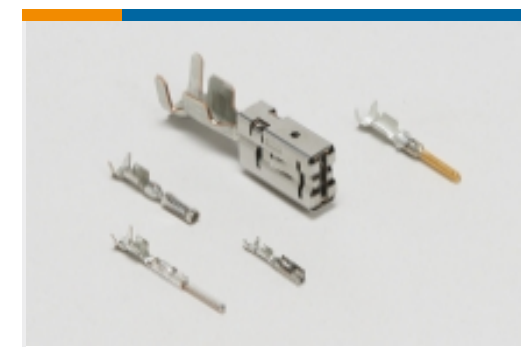
Automotive Connector Caps & Covers
(5)



Automotive Housings(16)



Automotive Seals & Cavity Plugs(3)

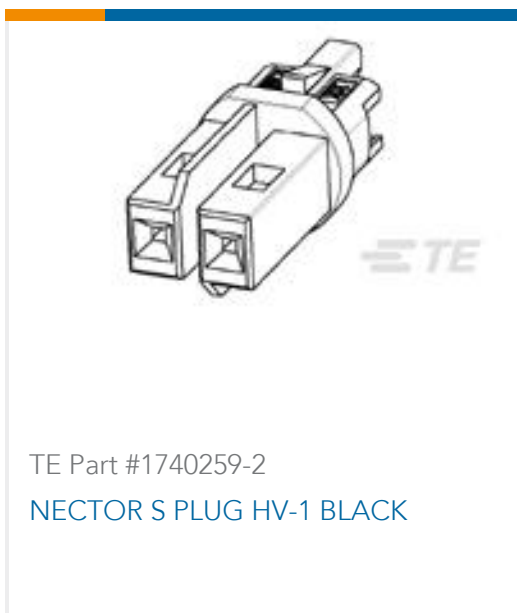


Automotive Terminals(74)



Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #1740260-2
NECTOR S TUBE BLACKTE Part #HDP24-18-20PE
REC, 20P, BLK, E, 16/20, PTE Part #1-967622-4
JUN-POW-TIM GEH 12PTE Part #1740262-1
NECTOR S OUTLET HV-1 WHITETE Part #1740259-2
NECTOR S PLUG HV-1 BLACKTE Part #1740449-2
NECTOR S PLUG LV-2 YELLOWTE Part #1740335-1
MICRO QUADLOK SYSTEM PIN
CONTATE Part #1740315-1
NECTOR S COVER FOR
DISTRIBUTOR 6,7 POSTE Part #1740261-1
NECTOR S RING CLIP WHITETE Part #2-1411550-1
ELOSTD M5300U91

Documents

Product Drawings

[STIFTKONTAKT 2,5MMD](#)

English

[STIFTKONTAKT 2,5MMD](#)

German

CAD Files

[Customer View Model](#)

[ENG_CVM_929963-1_A2.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_929963-1_A2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_929963-1_A2.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Datasheets & Catalog Pages

[Heavy Duty Connectors](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English