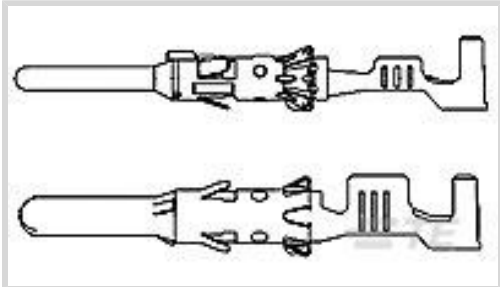




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



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 (48)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.1 mm[.055 – .082 in]
Wire Size	.5 – 1 mm²



Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
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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 Quantity	3500
Packaging Method	Reel

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



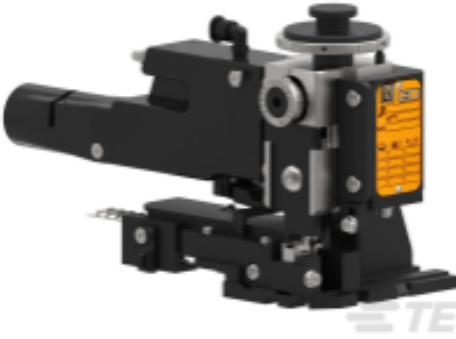
TE Part # 1-1579007-8
EXTRACTION TOOL



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



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



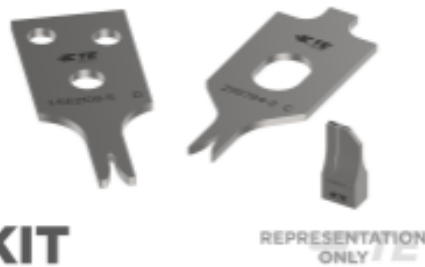
TE Part # 2266254-2
OCEAN-2.0-APPLICATOR-S-080F1000-RSA



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



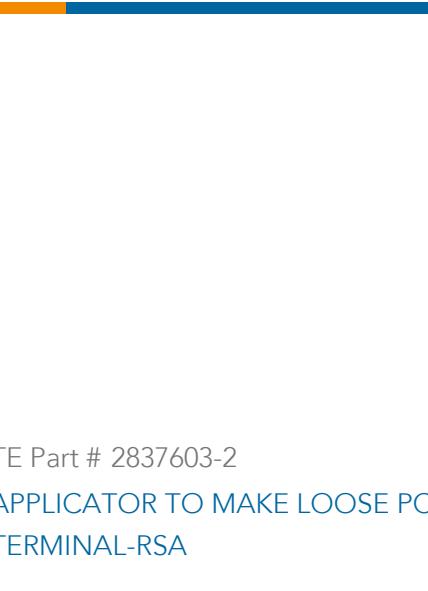
TE Part # 2837603-1
APPLICATOR TO MAKE LOOSE PC
TERMINAL-RSM



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



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



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

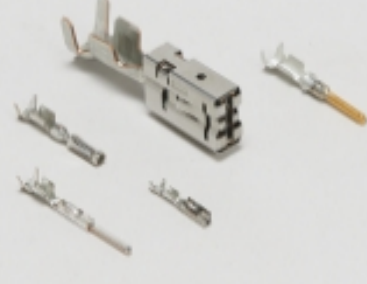
Also in the Series | Round Connector System



Automotive Connector Caps & Covers
(3)



Automotive Housings(10)



Automotive Terminals(48)



Connector Seals & Cavity Plugs(5)

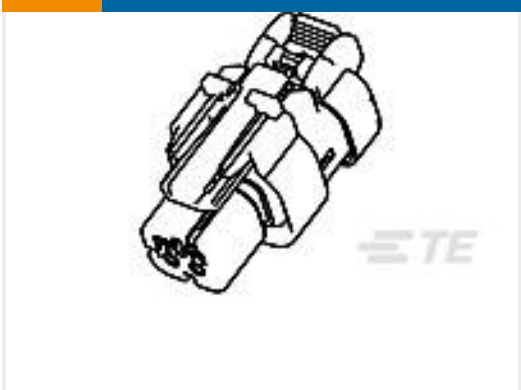


Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #DTM04-4P-E003
REC, 4P, GRY, N, CAP



TE Part #776523-2
AS16, PLUG ASSY, ST, 03P, E SEAL, CODE B



TE Part #1-1393122-6
KHAU-11D12-12=KH



TE Part #929975-8
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part #1740315-1
NECTOR S COVER FOR DISTRIBUTOR 6,7 POS



TE Part #1740335-1
MICRO QUADLOK SYSTEM PIN CONTA



TE Part #962071-1
ABDECKKAPPE

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Heavy Duty Connectors

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English