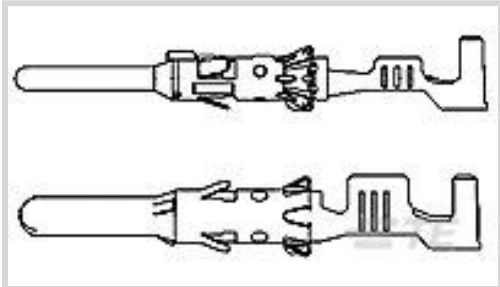




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: Pin

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

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	Pin
Interface Plating	Tin (Sn)
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	1.4 – 2.1 mm[.055 – .082 in]
Wire Size	20 – 17 AWG



Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °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	3500

Other

Terminal Transmits	25 – 40 A (Power)
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Product Compliance

For compliance documentation, visit the product page on TE.com>

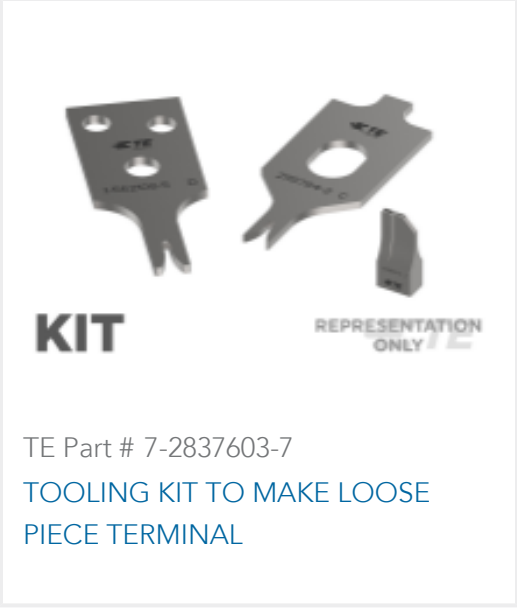
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 7-2837603-7
TOOLING KIT TO MAKE LOOSE
PIECE TERMINAL



TE Part # 2266254-1
OCEAN-2.0-APPLICATOR-S-
080F100O-RSM



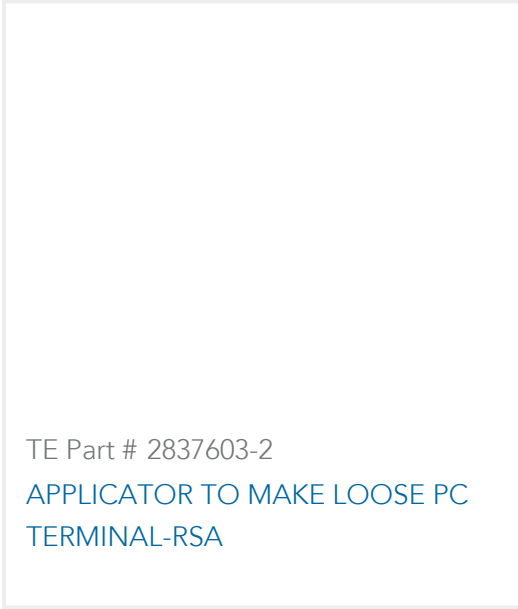
TE Part # 7-2266254-7
OCEAN_2.0_SPARE_PART_KIT-
080F100O



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



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



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



TE Part # 1-1579007-8
EXTRACTION TOOL



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



TE Part # 2266254-2
OCEAN-2.0-APPLICATOR-S-
080F100O-RSA

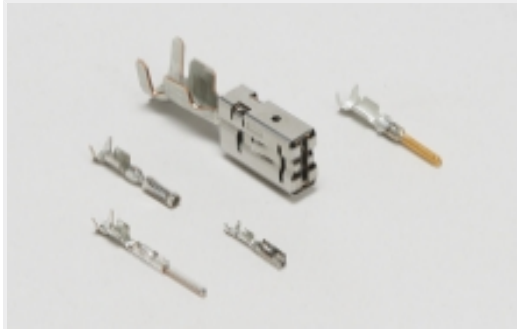
Also in the Series | Round Connector System



Automotive Connector Caps & Covers
(5)



Automotive Housings(12)



Automotive Terminals(47)



Connector Seals & Cavity Plugs(5)

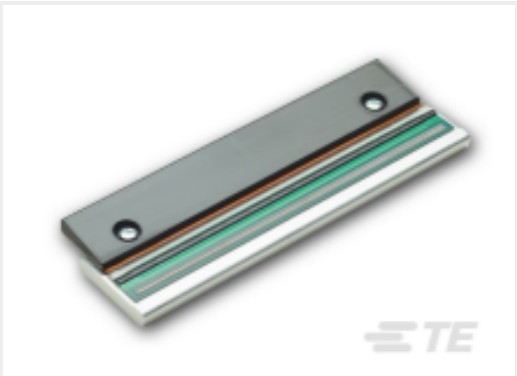


DIN Connectors(3)

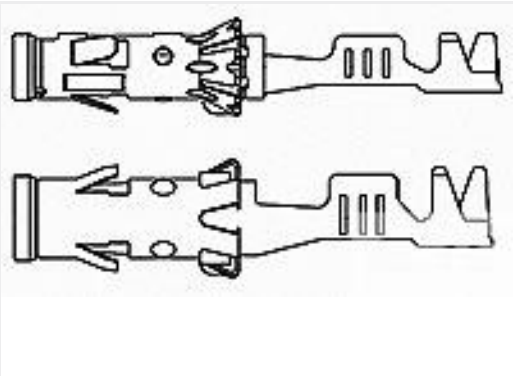


Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #1-2186504-1
T3212-PRINTER-PRINTHEAD-300DPI



TE Part #929970-1
SOCKET CONTACT 2,5MMD



TE Part #2822638-1
070 ECONOSEAL MARK-2+ PLUG 12P



TE Part #344273-1
3 WAY REC. HSG. SIL. SEALECONO



TE Part #CH02966001
QSZH-125-NR2-50MM



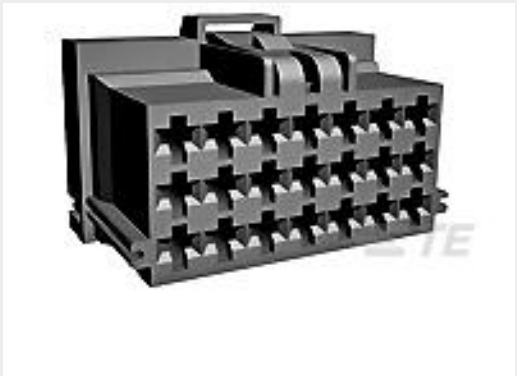
TE Part #8-968975-1
MCP2.8 GEH 21P



TE Part #1-1355200-1
MCP2,8BU-GEH ASSY2P



TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part #7-968975-1
MCP2,8 GEH ASSY 21P

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