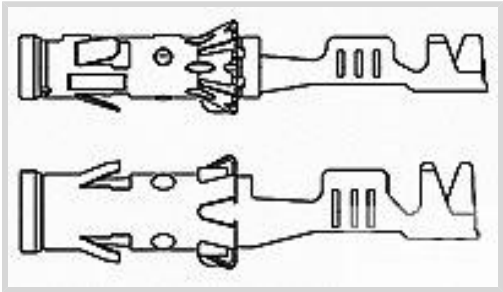




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: **Socket**
Wire Size: **20 – 17 AWG**
Interface Plating: **Silver (Ag)**
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	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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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	Silver (Ag)
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	1.2 – 2.1 mm[.047 – .082 in]
Wire Size	20 – 17 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²

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	Strip
Packaging Quantity	3000

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

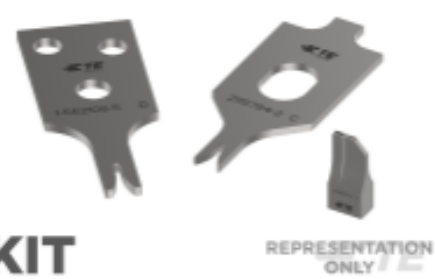
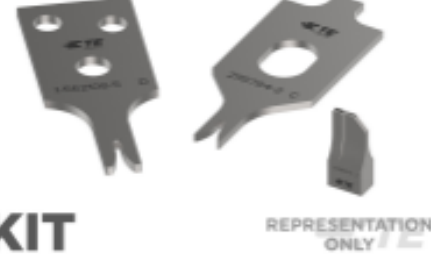
Product Compliance Disclaimer

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

 KIT REPRESENTATION ONLY			
TE Part # 7-2151139-7 OCEAN_2.0_SPARE_PART_KIT-080F160OV	TE Part # 2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV-RSA	TE Part # 2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV-RSM	TE Part # 2387332-2 SDE F 2.5mm CONTACT 0.35-1.0mm2 DIE SET
			
TE Part # 58606-2 PC DIE 1.5 & 2.5 PIN W/S	TE Part # 1-1579007-8 EXTRACTION TOOL	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 2387332-1 SDE F 2.5mm CONTACT 0.35-1.0mm2 ASSY
			
TE Part # 5-2151139-1 OCEAN-2.0-APPLICATOR-S-080F160OV-RSM	TE Part # 5-2151139-2 OCEAN-2.0-APPLICATOR-S-080F160OV-RSA	TE Part # 7-2266055-7 OC-080F160O-CRIMPTOOLINGKIT	TE Part # CAT-C4962-CH8172 Circular DIN Housings
			
TE Part # 828920-1 EINZELADERDICHTUNG	TE Part # 58606-1 PROCRIMP 1.5 & 2.5MM PIN/SEAL		

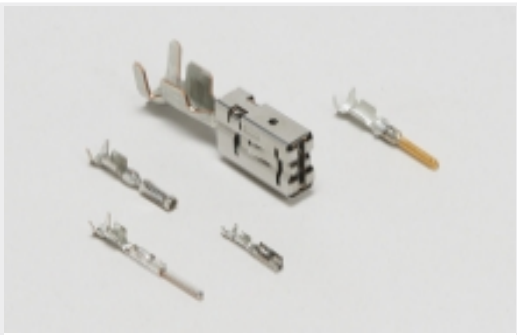
Also in the Series | Round Connector System



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



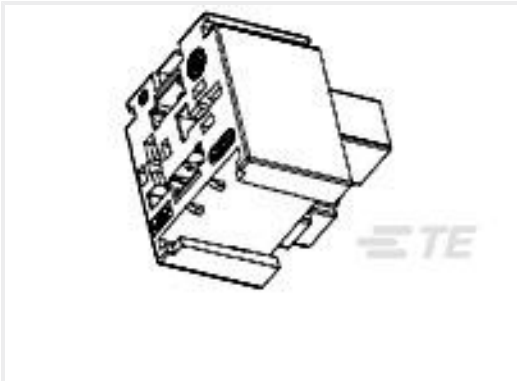
TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #CAT-C4962-CH8172
Circular DIN Housings



TE Part #828920-1
EINZELADERDICHTUNG



TE Part #2-953615-2
MODULAR RELAY HLDR 50-60A



TE Part #4-967630-1
FLACHSTE-GEH2,8 21P



TE Part #0081930003
ES-CAP-NO.1-C1-X-35MM



TE Part #184346-1
2X2 CAP ASY KEY A C3



TE Part #1-2177053-1
2POS,8MM HV,PLUG HSG,ASSY, SEALED

Documents

CAD Files

Customer View Model

ENG_CVM_1-929974-4_A5.3d_igs.zip

English

Customer View Model

ENG_CVM_1-929974-4_A5.3d_stp.zip

English

Customer View Model



[ENG_CVM_1-929974-4_A5.2d_dxf.zip](#)

English

[3D PDF](#)

English

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[Product Specifications](#)

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English