



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	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	Pin
Interface Plating	Tin (Sn)
Mating Pin Diameter	2.5 mm[.098 in]

Termination Features

Termination Method to Wire & Cable	Crimp
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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	Reel
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

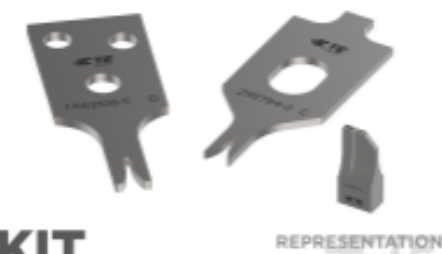
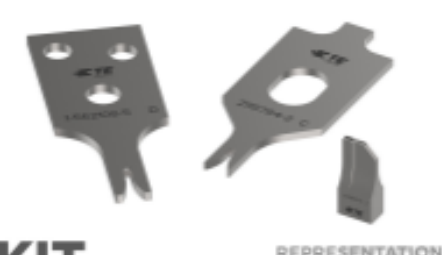
Product Compliance Disclaimer

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 # 7-2266055-7 OC-080F160O-CRIMPTOOLINGKIT	TE Part # CAT-C4962-CH8172 Circular DIN Housings	TE Part # 828920-1 EINZELADERDICHUNG	TE Part # 58606-1 PROCrimp 1.5 & 2.5MM PIN/SEAL
			
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 # 185448-2 2.5MM SEALED PIN HSG 4P	TE Part # 1703780-1 4POS,PIN DIA 2.5,PIN HSG,ASSY
 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
			 REPRESENTATION ONLY. DIE SET MAY VARY.
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

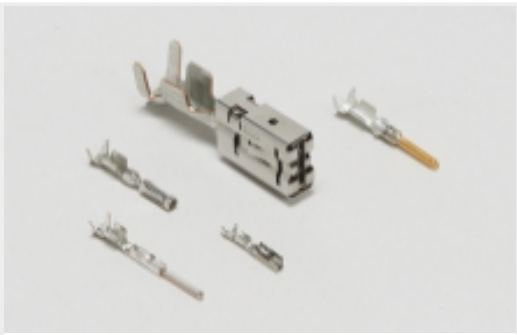
Also in the Series | Round Connector System



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 #965784-1
connector ABDECKKAPPE 180GRD



TE Part #1745011-1
PANEL HOOK



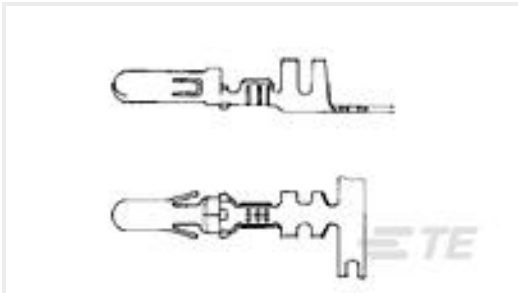
TE Part #1-962915-2
TAB 2.8x0.8 CONTACT CS SWS Ag



TE Part #2837157-1
OCEAN_2.0_Applicator-S-110F155O-RSM



TE Part #CAT-C4962-CH8172
Circular DIN Housings



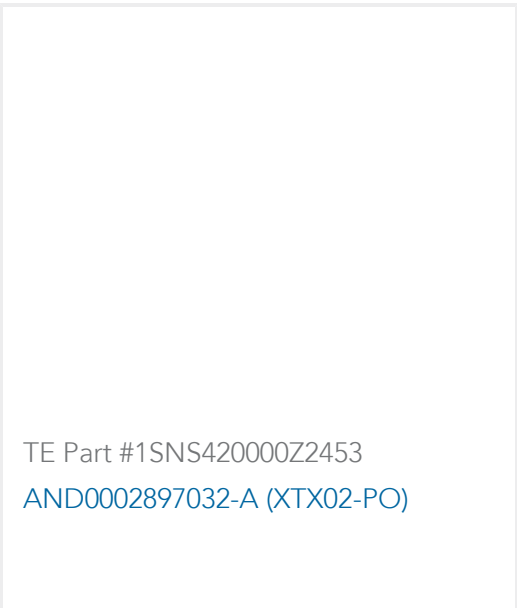
TE Part #927841-2
MNL STIFT 3,5 MM



TE Part #2356631-1
4POS,MCON 1.2,TAB HSG ASSY,SLD, COD A



TE Part #965687-1
FIXING RING



TE Part #1SNS420000Z2453
AND0002897032-A (XTX02-PO)

Documents



Product Drawings

STIFTKONTAKT 2,5MMD

English

STIFTKONTAKT 2,5MMD

English

CAD Files

Customer View Model

ENG_CVM_929967-1_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_929967-1_A2.3d_stp.zip

English

Customer View Model

ENG_CVM_929967-1_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

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English