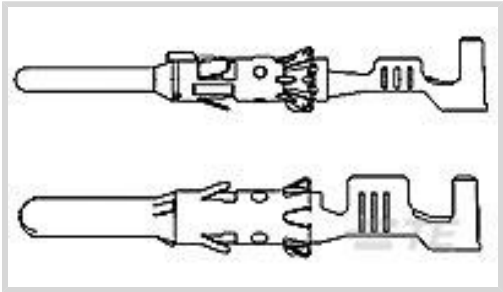




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: Pin

Mating Pin Diameter: 2.5 mm [.098 in]

Terminal Transmits: 25 – 40 A (Power)

Wire Size: 1 – 2.5 mm²

All Round Connector System, Pin and Socket (48)

Features

Product Type Features

Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
--------------------	------------------------

Contact Features

Contact Size	2.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	34 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	2.2 – 3 mm[.086 – .118 in]
Wire Size	1 – 2.5 mm²
Wire Size Search	13 AWG, 14 AWG, 15 AWG, 16 AWG, 17 AWG

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
------------------------------------	--------

Packaging Features

Packaging Quantity	3000
Packaging Method	Carton

Other

Terminal Transmits	25 – 40 A (Power)
--------------------	-------------------

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

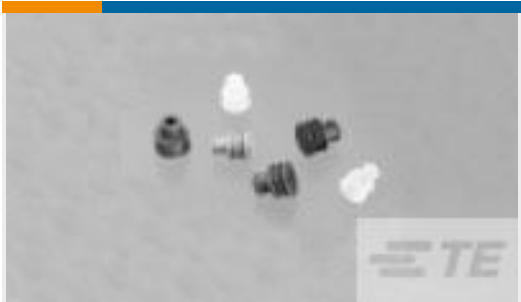
Product Compliance Disclaimer

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 # CAT-C4962-CH8172 Circular DIN Housings	 TE Part # 828921-1 EINZELADERDICHTUNG	 TE Part # 58606-1 PROCrimp 1.5 & 2.5MM PIN/SEAL	 TE Part # 1-1579007-8 EXTRACTION TOOL
 TE Part # 3-1579007-2 INSERTION TOOL	 TE Part # 2151345-1 OCEAN_2.0_APPLICATOR-S-100F1700-RSM	 TE Part # 2151345-2 OCEAN_2.0_APPLICATOR-S-100F1700-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 5-2151345-1 OCEAN_2.0_APPLICATOR-S-100F1700-RSM	 TE Part # 5-2151345-2 OCEAN_2.0_APPLICATOR-S-100F1700-RSA	 TE Part # 58606-2 PC DIE 1.5 & 2.5 PIN W/S	 TE Part # 7-2151345-7 OCEAN_2.0_SPARE_PART_KIT-100F1700
 TE Part # 7-2266057-7 OC-100F1700-752-CRIMPTOOLINGKIT	 TE Part # 185448-2 2.5MM SEALED PIN HSG 4P		

Also in the Series | Round Connector System



Automotive Connector Caps & Covers
(3)



Automotive Housings(10)



Automotive Terminals(48)

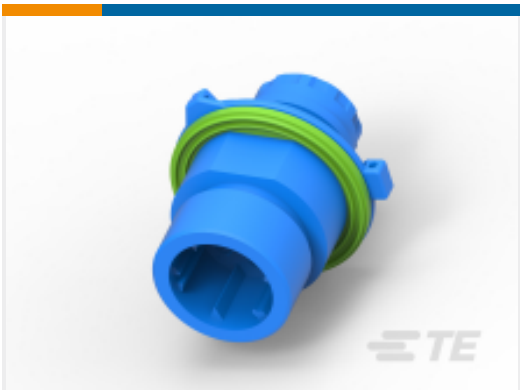


Connector Seals & Cavity Plugs(5)

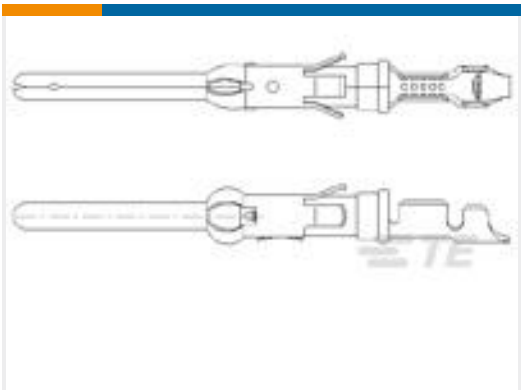


Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #1-967325-1
Circular DIN Housings



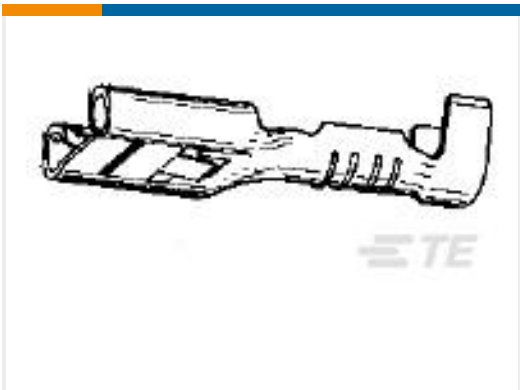
TE Part #163766-1
062 PIN ASS. TYP3+



TE Part #6-1718323-1
2.8MM TAB HSG.,39POS.,ASSY



TE Part #66506-2
PIN CONTACT 20 DF



TE Part #735222-2
FF 250 REC 1.0-2.5 MM2 0.32X 19.30
BR



TE Part #1-1418862-0
2POS. FIBER OPTIC HARNESS
CONNECTOR



TE Part #927879-1
STD TIMER CONTACT

Documents

Product Drawings
2,5MM PIN CONTACT

English

2,5MM PIN CONTACT

German

CAD Files
Customer View Model
ENG_CVM_929968-1_A2.3d_igs.zip



English

Customer View Model

[ENG_CVM_929968-1_A2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_929968-1_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