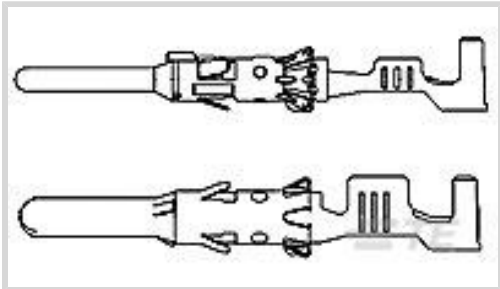




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: Pin

Wire Size: 17 – 13 AWG

Interface Plating: Tin (Sn)

Primary Locking Feature: Locking Lance

[All Round Connector System, Pin and Socket \(47\)](#)

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	34 A
Crimp Type	F-Crimp
Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Terminal Type	Pin
Interface Plating	Tin (Sn)
Mating Pin Diameter	1.5 mm[.059 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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Compatible Insulation Diameter Range	2.2 – 3 mm[.087 – .118 in]
Wire Size	17 – 13 AWG
Wire Size Search	1 mm², 1.25 mm², 1.5 mm², 2 mm², 2.5 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	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: 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 # 1544676-1 1.5 MM PIN HSG 7W SEALED	 TE Part # 3-1579007-7 EXTRACTION TOOL	 TE Part # 58606-2 PC DIE 1.5 & 2.5 PIN W/S	 TE Part # 2151345-1 OCEAN_2.0_APPLICATOR-S-100F170O-RSM
 KIT REPRESENTATION ONLY TE Part # 7-2151345-7 OCEAN_2.0_SPARE_PART_KIT-100F170O	 KIT REPRESENTATION ONLY TE Part # 7-2266057-7 OC-100F170O-752-CRIMPTOOLINGKIT	 TE Part # 5-2151345-2 OCEAN_2.0_APPLICATOR-S-100F170O-RSA	 TE Part # 5-2151345-1 OCEAN_2.0_APPLICATOR-S-100F170O-RSM
 TE Part # 2151345-2 OCEAN_2.0_APPLICATOR-S-100F170O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 1544677-1 1.5 MM PIN HSG 7P SEALED	 TE Part # CAT-C4962-CH8172 Circular DIN Housings
 TE Part # 58606-1 PROCrimp 1.5 & 2.5MM PIN/SEAL			

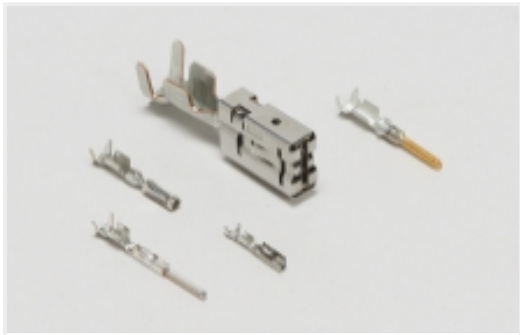
Also in the Series | Round Connector System



Automotive Connector Caps & Covers (5)



Automotive Housings(12)



Automotive Terminals(48)



Connector Seals & Cavity Plugs(5)

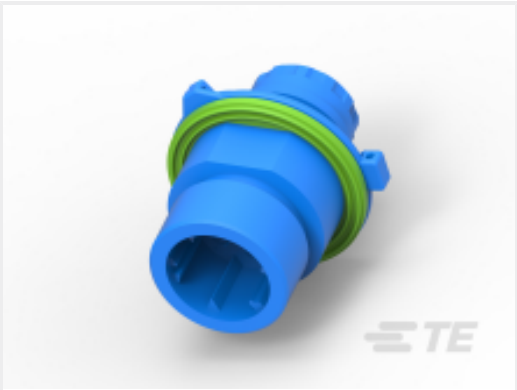


DIN Connectors(3)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #CAT-C4962-CH8172
Circular DIN Housings



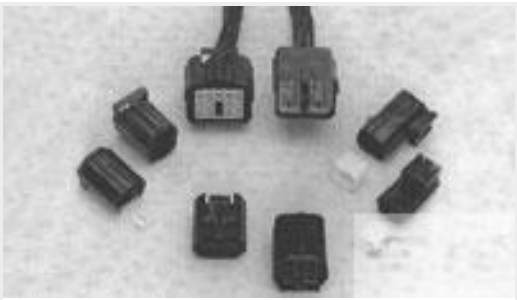
TE Part #CAT-R7602-T273
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part #965785-1
ABDECKKAPPE 180GRD



TE Part #185792-1
180 DEG CAP FOR CORRUGTD TUBE



TE Part #344265-1
6 WAY TAB HSG.- BLACK ECONO

Documents

Product Drawings

DIA 1.5MM CONTACT PIN,ASSY

German

CAD Files

Customer View Model

ENG_CVM_1703014-1_A3.3d_stp.zip

English

Customer View Model



[ENG_CVM_1703014-1_A3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1703014-1_A3.3d_igs.zip](#)

English

3D PDF

English

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

Product Specifications

Application Specification

English

Application Specification

English