



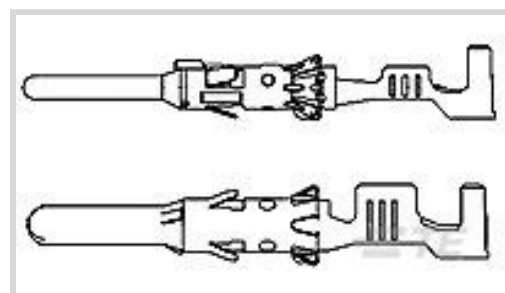
AMP | Round Connector System

TE Internal #: 1703014-1

Automotive Terminals, Pin, Pin Diameter .059 in [1.5 mm], 17 – 13 AWG Wire Size, 1 – 2.5 mm<sup>2</sup> Wire Size, Sealable, Round Connector System

[View on TE.com >](#)

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



Terminal Type: Pin

Mating Pin Diameter: 1.5 mm [.059 in]

Terminal Transmits: 25 – 40 A (Power)

Wire Size: 1 – 2.5 mm<sup>2</sup>

[All Round Connector System, Pin and Socket \(74\)](#)

**Features**

**Product Type Features**

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

**Body Features**

Terminal Seal Type	Single Wire Seal (SWS)
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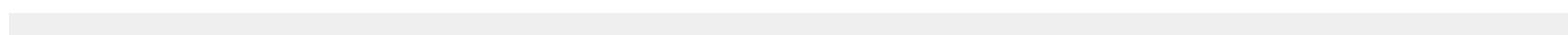
**Contact Features**

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

**Termination Features**

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

**Dimensions**





Wire Size	1 – 2.5 mm <sup>2</sup>
Wire Size Search	13 AWG, 14 AWG, 15 AWG, 16 AWG, 17 AWG
Wire Insulation Diameter	2.2 – 3 mm [.087 – .118 in]

### 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
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 3-1579007-7  
EXTRACTION TOOL



TE Part # 58606-1  
PROCRIMP 1.5 & 2.5MM PIN/SEAL



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-C4962-CH8172  
CIRCULAR DIN HOUSINGS



TE Part # 1718230-1  
1,5MM PIN HSG 5-7 POS ASSY



TE Part # 1544676-1  
1.5 MM PIN HSG 7W SEALED



TE Part # 2-2151345-1  
OCEAN\_2.0\_APPLICATOR-S-100F1700



TE Part # 2-2151345-2  
OCEAN\_2.0\_APPLICATOR-S-100F1700



TE Part # 2151345-1  
OCEAN\_2.0\_APPLICATOR-S-100F1700



TE Part # 2151345-2  
OCEAN\_2.0\_APPLICATOR-S-100F1700



TE Part # 5-2151345-1  
OCEAN\_2.0\_APPLICATOR-S-100F1700



TE Part # 5-2151345-2  
OCEAN\_2.0\_APPLICATOR-S-100F1700



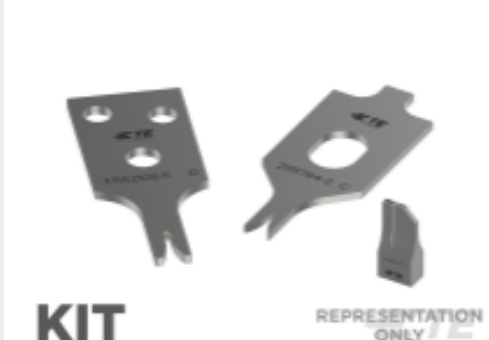
TE Part # 58606-2  
PC DIE 1.5 & 2.5 PIN W/S



TE Part # 7-2151345-1  
OCEAN\_2.0\_APPLICATOR-S-100F1700



TE Part # 7-2151345-2  
OCEAN\_2.0\_APPLICATOR-S-100F1700



KIT  
REPRESENTATION ONLY  
TE Part # 7-2151345-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-100F1700



**KIT**


REPRESENTATION ONLY

TE Part # 7-2266057-7  
OC-100F1700-752-  
CRIMPTOOLINGKIT




TE Part # 1544677-1  
1.5 MM PIN HSG 7P SEALED


## Also in the Series | Round Connector System



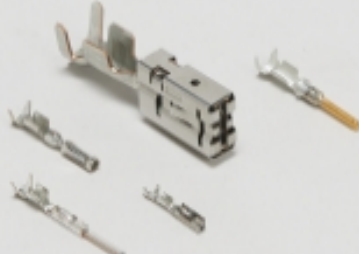
Automotive Connector Caps & Covers (5)




Automotive Housings(16)



Automotive Seals & Cavity Plugs(3)



Automotive Terminals(74)



Insertion & Extraction Tools(8)

## Customers Also Bought



TE Part #828905-1  
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part #3-1718230-1  
1,5MM PIN HSG 5-7 POS ASSY



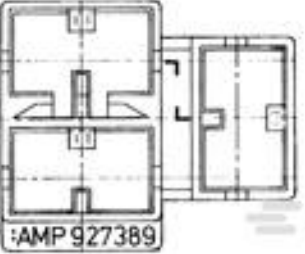
TE Part #929975-1  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part #7-180984-5  
250 FASTON BOOT FLAG REC. 1P BLACK




TE Part #828906-2  
BLINDSTOPFEN 1,5SYS



TE Part #927389-1  
PL 3P HOUSING PA66 BLACK



TE Part #2304884-1  
16POS, HYBRID, REC HSG ASSY, SLD, COD 1



TE Part #2377792-1  
HSD 180 REC TO PIGTAIL CABLE ASSY.



## 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

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English