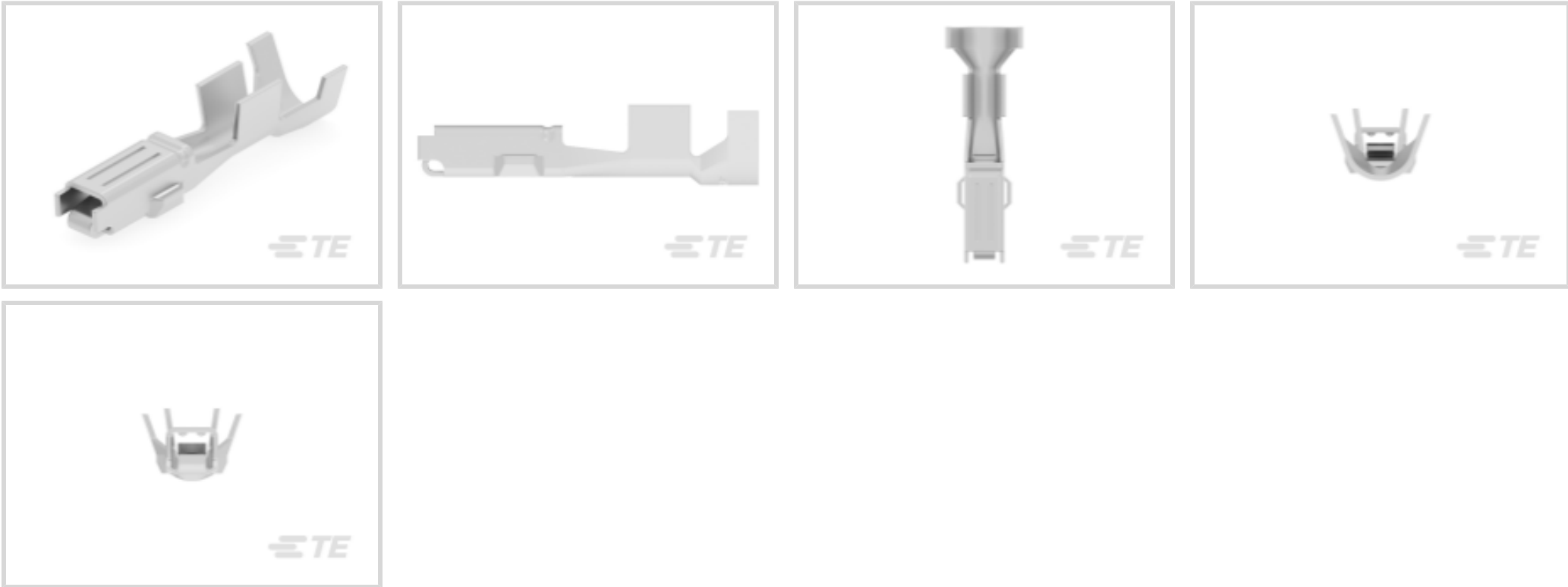




Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**
Mating Tab Width: **1.8 mm [.071 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **.5 - 2 mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	17 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Interface Plating	Tin (Sn)

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.2 - 2.7 mm[.047 - .106 in]
Wire Size	.5 - 2 mm²
Wire Size Search	14 AWG, 15 AWG, 16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2
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Packaging Features

Packaging Quantity	6000
Packaging Method	Package

Other

Terminal Transmits	0 - 24 A (Low 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



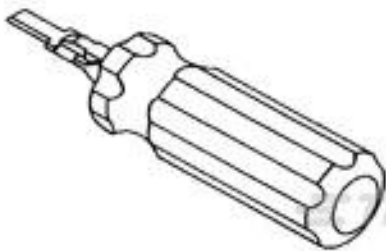
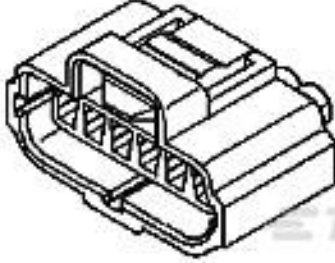
Free

Not reviewed for solder process capability

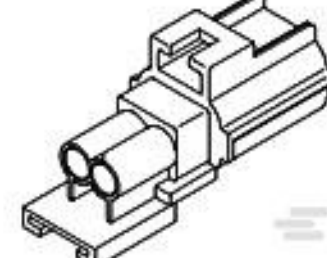
Product Compliance Disclaimer

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>

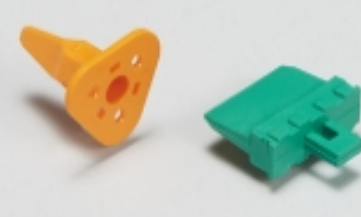
Compatible Parts

 TE Part # 184046-1 4 POS. PLUG ASSY, KEY A	 TE Part # 184032-1 3 POS. PLUG ASSY, KEY A	 TE Part # 91583-1 CCII 070 TYP 20-16 ASSY	 TE Part # 937313-1 EXT-TOOL
 TE Part # 184344-1 2X2 PLG ASY KEY A C3	 TE Part # 184248-1 2X2 PLG ASY KEY A C4	 TE Part # 184340-1 PLUG ASSY,2X2,CPA,W/O SLOT,CKT4 BLKD	 TE Part # 184060-1 6 POS./6 CIRC PLUG ASSY, KEY A
 TE Part # 184004-1 2 POS. PLUG ASSY, KEY C, BLACK	 TE Part # 184022-1 2 POS. PLUG ASSY, KEY M, BLACK	 TE Part # 184000-1 2 POS. PLUG ASSY, KEY A, BLACK	 TE Part # 184042-1 1 POS. PLUG ASSY, KEY A



 TE Part # 184002-1 2 POS. PLUG ASSY, KEY B, GRAY	 TE Part # 184452-1 6 POS SSC PLUG ASSY, BLKD CKTS	 TE Part # 184392-1 2X2 PLG ASY, KEY A, W/O CPA C3	 TE Part # 184346-1 2X2 CAP ASY KEY A C3
 TE Part # 184042-2 1 POS. PLUG ASSY, KEY A	 TE Part # 184270-1 3 POS. PLUG ASSY W/CPA, KEY A	 TE Part # 184154-1 2 POS. END CAP HSG., KEY D	 TE Part # 184116-2 2 POS. PLUG ASSY, KEY H 1/2

Also in the Series | Sealed Sensor Connector SSC System

 Automotive Connector Caps & Covers (2)	 Automotive Connector Locks & Position Assurance(2)	 Automotive Housings(126)	 Automotive Terminals(3)
 Connector Seals & Cavity Plugs(3)	 Insertion & Extraction Tools(1)		

Customers Also Bought

 TE Part # 184032-1 3 POS. PLUG ASSY, KEY A	 TE Part # 284223-6 24 POS. AIRBAG CONN. KIT ASS'Y	 TE Part # 184004-1 2 POS. PLUG ASSY, KEY C, BLACK	 TE Part # 184000-1 2 POS. PLUG ASSY, KEY A, BLACK
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TE Part # 184311-1
ASSY, PLUG HSG 3 POS, KEY A

TE Part # 638517-5
PLUG ASSY, 10PSON SEALED KEY A

TE Part # 184116-1
2 POS. PLUG ASSY, KEY H 1/2

TE Part # 1924939-1
PLUG ASSY, 96P GPEC II KEY A RIGHT EXIT

TE Part # 1924941-1
PLUG ASSY, 96P GPEC II KEY C RIGHT EXIT

TE Part # 184124-1
6 POS./6 CIRC. PLUG ASSY,KEY B

Documents

Product Drawings

RECPT, CONTACT 070, PTPPHBZ

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_184030-3_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_184030-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_184030-3_G.3d_stp.zip

English

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

Product Specifications

Application Specification

English