



Terminals & Splices > Automotive Terminals



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

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Automotive Terminal Wire Type	Copper

Body Features

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

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

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	.5 – 2 mm ²
Wire Size Search	14 AWG, 15 AWG, 16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG



Wire Insulation Diameter	1.2 – 2.7 mm[.047 – .106 in]
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Usage Conditions

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 – 125 °C[-40 – 125 °F]

Industry Standards

Agency/Standard	SAE/USCAR-2
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Packaging Features

Packaging Method	Package
Packaging Quantity	6000

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 reviewed for solder process capability

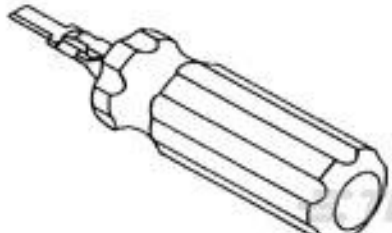
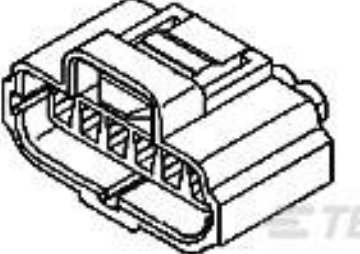
Product Compliance Disclaimer

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 # 91583-1 CCI 070 TYP 20-16 ASSY	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # 937313-1 EXT-TOOL	 TE Part # 184115-1 12 POS. PLUG ASSY
 TE Part # 184344-1 2X2 PLG ASY KEY A C3	 TE Part # 184006-2 2 POS. PLUG ASSY, KEY D, GRAY	 TE Part # 184006-1 2 POS. PLUG ASSY, KEY D, GREEN	 TE Part # 184020-1 2 POS. PLUG ASSY, KEY L, NAT
 TE Part # 184392-2 2X2 PLG ASY, KEY A, W/O CPA C3, natural	 TE Part # 184248-1 2X2 PLG ASY KEY A C4	 TE Part # 184046-1 4 POS. PLUG ASSY, KEY A	 TE Part # 184207-1 2 POS. PLUG ASSY, KEY J
 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 # 184032-1
3 POS. PLUG ASSY, KEY A



TE Part # 184042-1
1 POS. PLUG ASSY, KEY A

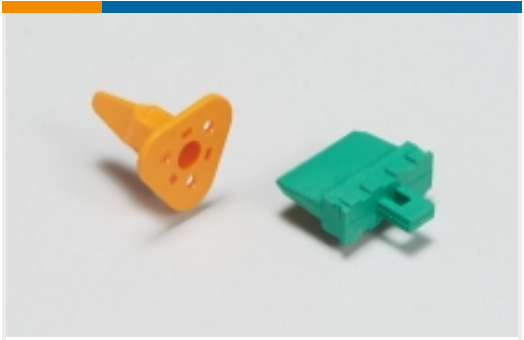


TE Part # 184012-1
2 POS. PLUG ASSY, KEY G, GRAY

Also in the Series | Sealed Sensor Connector SSC System



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(178)



Automotive Seals & Cavity Plugs(3)



Automotive Terminals(8)



Insertion & Extraction Tools(1)

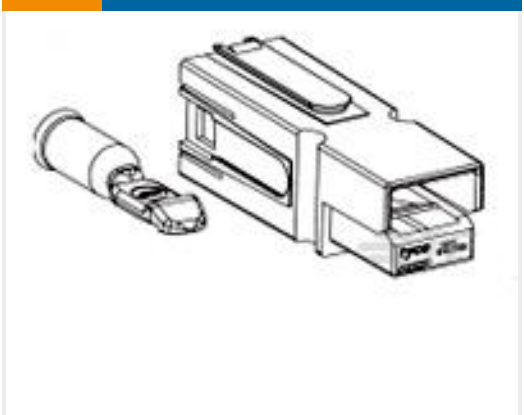


Other Automotive Connector Accessories(7)

Customers Also Bought



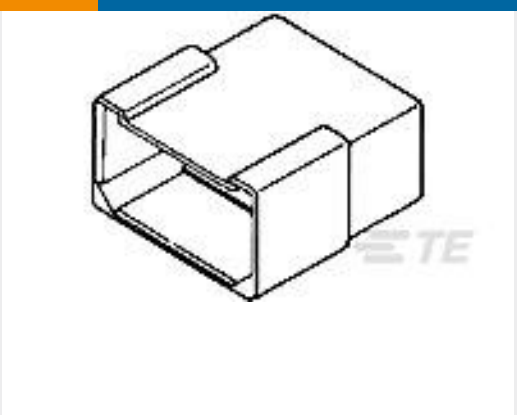
TE Part #1-1879450-8
Wirewound Resistor: Mineral, 2.5 Kw



TE Part #1445716-9
KIT 6AWG GREEN W/LOCK



TE Part #1-1414939-4
V23130C2021A412-EV-CBOX



TE Part #180906-5
FF 250 TAB HSG 6P NYLON BLACK



TE Part #184046-1
4 POS. PLUG ASSY, KEY A



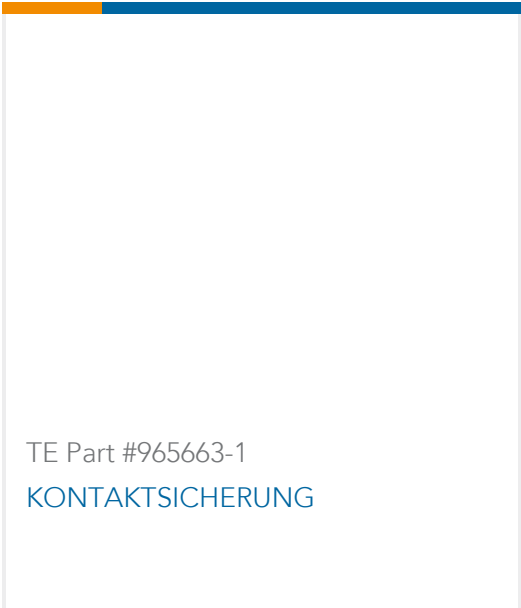
TE Part #184000-1
2 POS. PLUG ASSY, KEY A, BLACK



TE Part #184032-1
3 POS. PLUG ASSY, KEY A



TE Part #184002-1
2 POS. PLUG ASSY, KEY B, GRAY



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

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Product Specifications

Application Specification

English

Product Environmental Compliance

MD_184030-3_10072016750_dmtec

English

MD_184030-3_10072016750_dmtec

English