



Connectors > Automotive Connectors > Automotive Housings



Connector System: Wire-to-Board, Wire-to-Device, Wire-to-Wire

Number of Positions: 2

Connector & Housing Type: Housing for Female Terminals

Centerline (Pitch): 5 mm [.197 in]

Sealable: Yes

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VAC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V

Body Features



Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.8mm
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Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Height	27.6 mm[1.09 in]
Product Width	24.05 mm[.947 in]
Product Length	22 mm[.87 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][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]

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	1800
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	No



Product Compliance

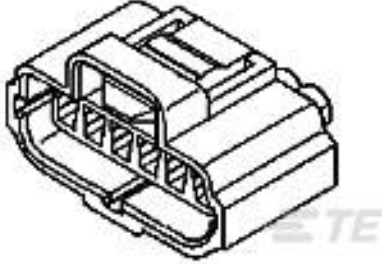
For compliance documentation, visit the product page on TE.com>

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
Solder Process Capability	Not applicable for solder process capability

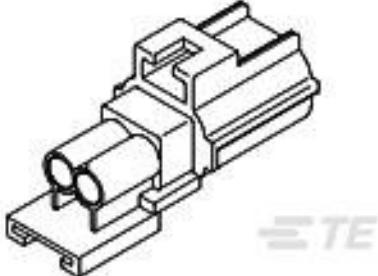
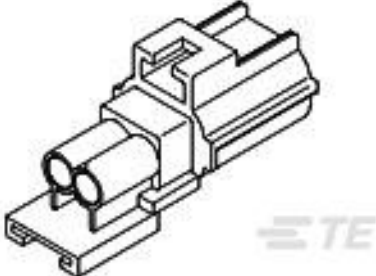
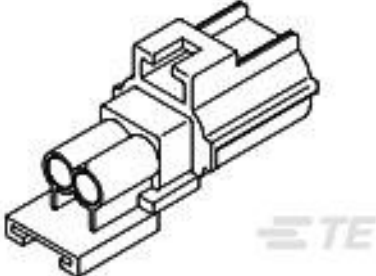
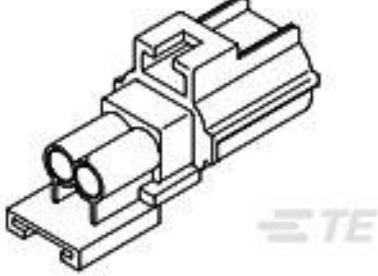
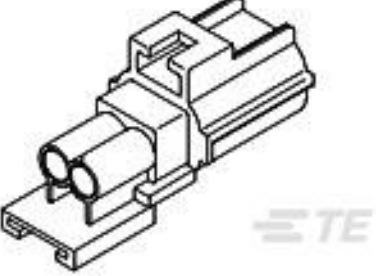
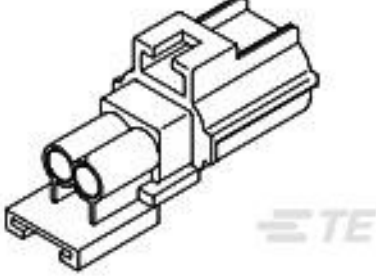
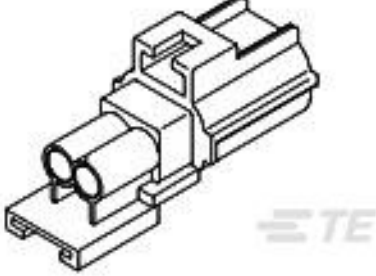
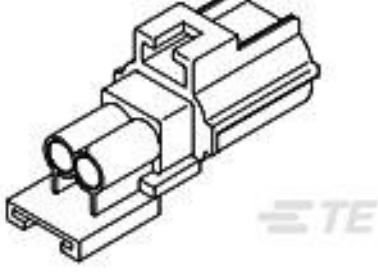
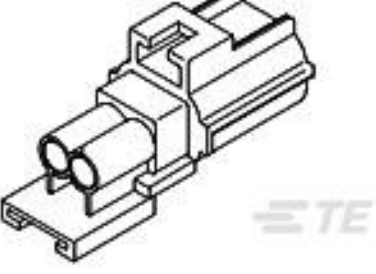
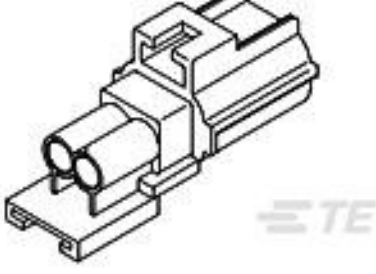
Product Compliance Disclaimer

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>

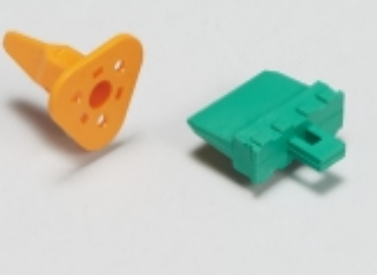
Compatible Parts

			
TE Part # 184141-1 WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM	TE Part # 184140-1 WIRE SEAL,RUBBER,SENSOR, ORANGE	TE Part # 184163-1 2 POS. CAP HSG., KEY A	TE Part # 184060-1 6 POS./6 CIRC PLUG ASSY, KEY A



 TE Part # 184030-3 RECPT, CONTACT 070, PTPPHBZ	 TE Part # 184002-1 2 POS. PLUG ASSY, KEY B, GRAY	 TE Part # 184095-2 RECPT, CONTACT .070, PTPPHBZ	 TE Part # 184139-1 WIRE SEAL,RUBBER,SENSOR,BLUE
 TE Part # 184154-1 2 POS. END CAP HSG., KEY D	 TE Part # 184373-2 CONTACT, RECEPTACLE, .070 TYPE	 TE Part # 184151-1 2 POS. END CAP HSG., KEY A	 TE Part # 184152-1 2 POS. END CAP HSG., KEY B
 TE Part # 184156-1 2 POS. END CAP HSG., KEY F	 TE Part # 184157-1 2 POS. END CAP HSG., KEY G	 TE Part # 184158-1 2 POS. END CAP HSG., KEY H	 TE Part # 184159-1 2 POS. END CAP HSG., KEY J
 TE Part # 184160-1 2 POS. END CAP HSG., KEY K	 TE Part # 184161-1 2 POS., END CAP HSG., KEY L	 TE Part # 184162-1 2 POS. END CAP HSG., KEY M	 TE Part # 184169-1 2 POS. CAP HSG., KEY G

Also in the Series | Sealed Sensor Connector SSC System

 Automotive Connector Caps & Covers (5)	 Automotive Connector Locks & Position Assurance(5)	 Automotive Housings(144)	 Automotive Terminals(4)
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Connector Seals & Cavity Plugs(3)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part # 2278730-1
3P CAN CONNECTOR, RECEPTACLE



TE Part # DRB16-128SBE-L018
PLG, 128P, BLK, E, CAP, B



TE Part # HDP24-24-23ST
REC, 23P, BLK, T, 16, S



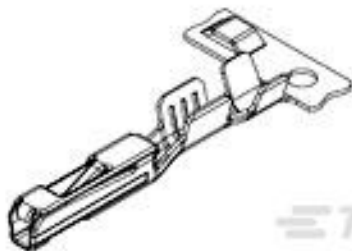
TE Part # 2-31811-5
TERMINAL, SOLIS R 4 1/4



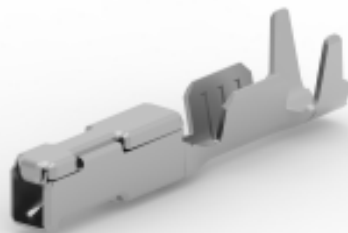
TE Part # 184006-1
2 POS. PLUG ASSY, KEY D, GREEN



TE Part # 2822365-1
EJ-2 DBL LOCK PLUG ASSY 2P (D) BLACK



TE Part # 1326028-1
0.64MM FEMALE CONTACT,AU,18-20



TE Part # 2035334-8
CONTACT, FEMALE0.64 ,20.35SQMM



TE Part # 184095-1
RECPT, CONTACT .070, AUPHBZ



TE Part # 1-2840900-2
2POS,HC-STAK 25,REC OUTER HSG ASSY,PLUG

Documents

Product Drawings
2 POS. PLUG ASSY, KEY A, BLACK
English

CAD Files
Customer View Model
ENG_CVM_CVM_184000-1_C.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_184000-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_184000-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Positioning the Double Lock Plate](#)

English