



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	M

Contact Features

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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	1
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

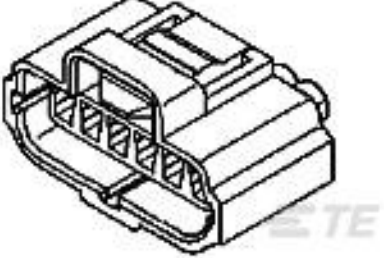
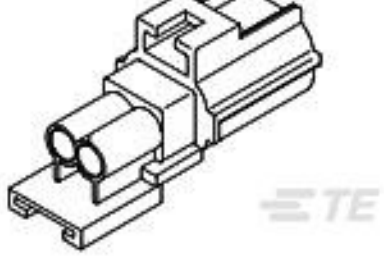


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

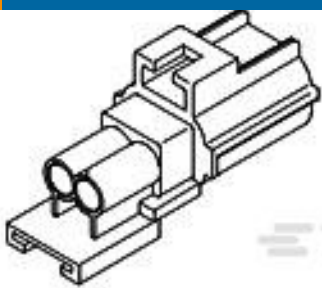
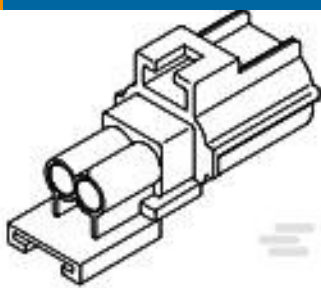
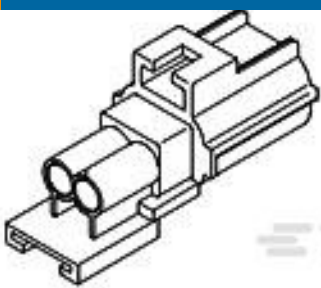
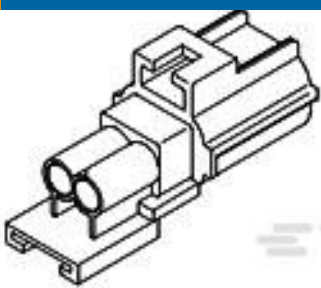
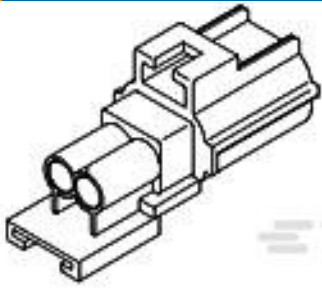
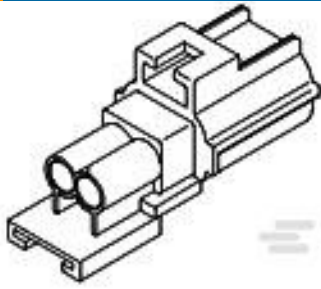
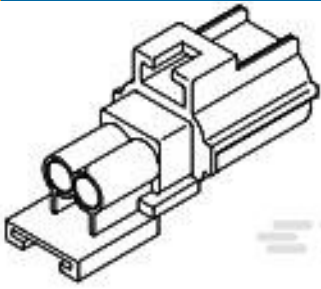
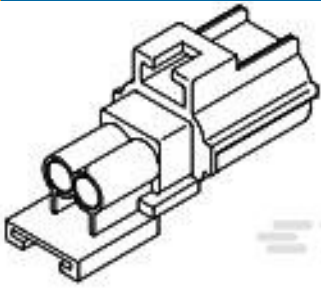
Product Compliance Disclaimer

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>

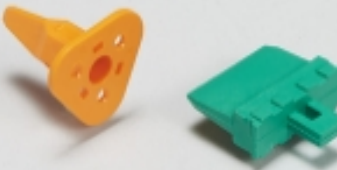
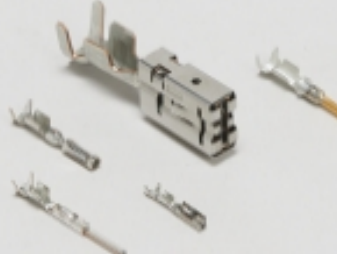
Compatible Parts

 TE Part # 184141-1 WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM	 TE Part # 184140-1 WIRE SEAL,RUBBER,SENSOR, ORANGE	 TE Part # 184139-1 WIRE SEAL,RUBBER,SENSOR,BLUE	 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 # 184154-1 2 POS. END CAP HSG., KEY D



 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	 TE Part # 184170-1 2 POS. CAP HSG., KEY H	 TE Part # 184173-1 2 POS. CAP HSG., KEY L	 TE Part # 184174-1 2 POS. CAP HSG., KEY M

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(5)	 Insertion & Extraction Tools(1)		

Customers Also Bought





TE Part #936233-1
090III 8P PLUG ASSY



TE Part #2209441-1
2W SPLASH PROOF CONN. W.S.L. JPT



TE Part #2005091-1
025 32P CAP ASSY



TE Part #284223-6
24 POS. AIRBAG CONN. KIT ASS'Y



TE Part #2137216-1
3P SPLASH PROOF CONNECTOR ASS'



TE Part #1456968-3
CONTACT,FEMALE, 0.64, 20 TO 22 AWG, AG



TE Part #2109517-1
025/060/110 HYB 25P CAP ASSY



TE Part #2294463-2
MCON 1.2 CB TAB MONO



TE Part #2321519-1
24POS,TH 025,REC HSG ASSY,UNSLD



TE Part #1-2355515-1
5POS,MCON 1.2,REC HSG ASSY,SLD, COD A

Documents

Product Drawings
2 POS. PLUG ASSY, KEY M, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_184022-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_184022-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_184022-1_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Positioning the Double Lock Plate

English