

Sealed Sensor Connector SSC System

TE Internal #: 184452-1
Housing for Female Terminals, Wire-to-Device / Wire-to-Wire / Wire-to-Board, 6 Position, .197 in [5 mm] Centerline, Sealed Sensor Connector SSC System

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**
Number of Positions: **6**
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

Blank Cavity Position	3, 6
Number of Positions	6
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	24.8 mm[.976 in]
Product Length	43.2 mm[1.7 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	800
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
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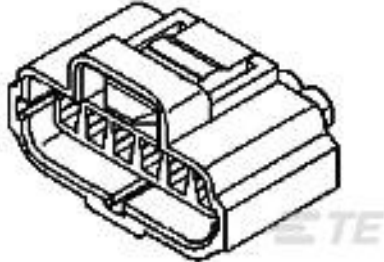
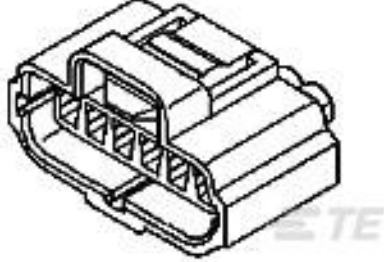
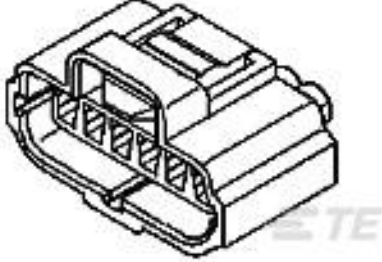


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

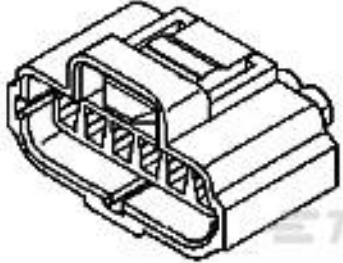
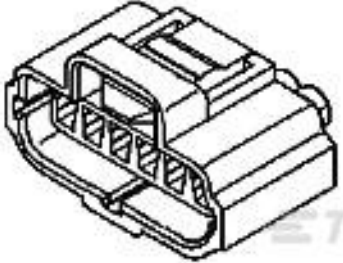
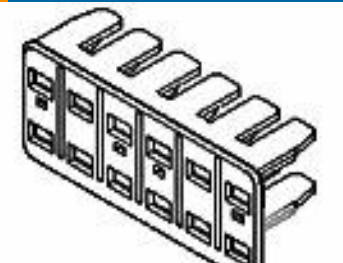
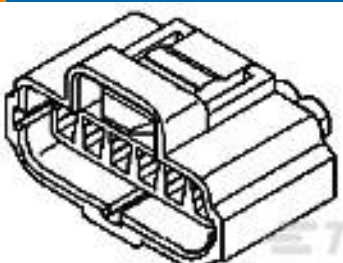
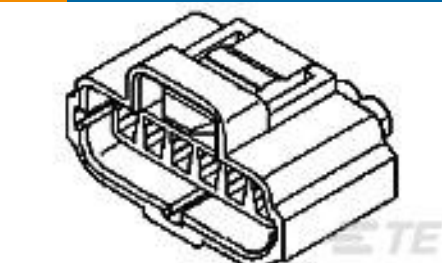
Product Compliance Disclaimer

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>

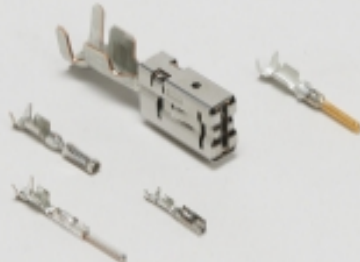
Compatible Parts

 TE Part # 184141-1 WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM	 TE Part # 184140-1 WIRE SEAL,RUBBER,SENSOR, ORANGE	 TE Part # 184060-1 6 POS./6 CIRC PLUG ASSY, KEY A	 TE Part # 184030-3 RECPT, CONTACT 070, PTPPHBZ
 TE Part # 184095-2 RECPT, CONTACT .070, PTPPHBZ	 TE Part # 184139-1 WIRE SEAL,RUBBER,SENSOR,BLUE	 TE Part # 184126-1 6 POS./6 CIRC. PLUG ASSY,KEY C	 TE Part # 184128-1 6 POS./6 CIRC. PLUG ASSY,KEY D



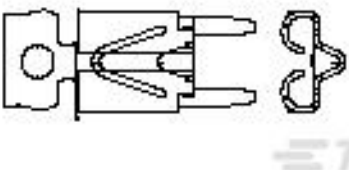
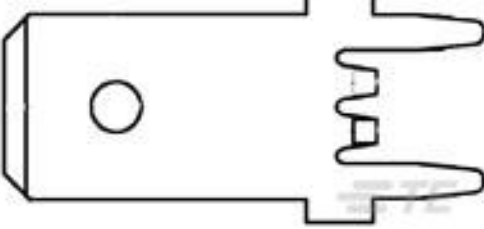
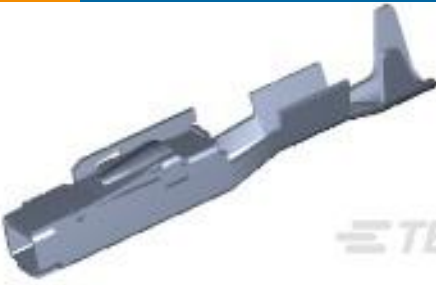
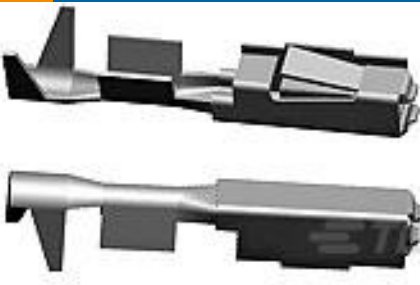
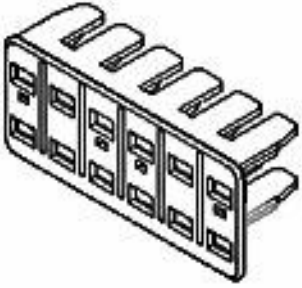
 TE Part # 184134-1 6 POS./4 CIRC PLUG ASSY, KEY C	 TE Part # 184136-1 6 POS./4 CIRC. PLUG ASSY,KEY D	 TE Part # 184341-1 PLUG ASSY, SENSOR, 6 POS A-KEY	 TE Part # 184030-1 RECPT, CONTACT 070, AUPHBZ
 TE Part # 184095-1 RECPT, CONTACT .070, AUPHBZ	 TE Part # 184373-2 CONTACT, RECEPTACLE, .070 TYPE	 TE Part # 184453-1 6 POS SSC PLUG HSG, BLKD CKTS	 TE Part # 2-184095-1 RECPT, CONTACT .070, AUPHBZ
 TE Part # 184058-1 12 POS. PLUG DLP	 TE Part # 184026-1 6 POS/4 CIRC. PLUG ASSY, KEY A	 TE Part # 184313-1 6 POS/5 CIRC. PLUG ASSY, KEY A	 TE Part # 184373-1 CONTACT, RECEPTACLE, .070 TYPE

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 # 63969-1 FASTON 205/250 PCB MOUNTED TPBR	 TE Part # 1217169-1 250 FASTON,PCB TAB,TCBR	 TE Part # 2-1670916-1 2POS, MCON 1.2 LL REC SEALED	 TE Part # 1-1355897-1 4pos MQS .63 header 90deg
 TE Part # 2-1703498-1 2POS, MCON 1.2 LL TAB SEALED COD B	 TE Part # 929939-1 JPT REC 2.8 Contact SWS Sn	 TE Part # 7-1452656-1 MCON 1.2 LL REC SRC SN	 TE Part # 5-928999-1 MQS0,63 Sn rec LL unseal. >0,2-0,35
 TE Part # 184095-1 RECPT, CONTACT .070, AUPHBZ	 TE Part # 184058-1 12 POS. PLUG DLP		

Documents

Product Drawings

6 POS SSC PLUG ASSY, BLKD CKTS

English

CAD Files

Customer View Model

ENG_CVM_184452-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_184452-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_184452-1_A.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



Sealed Sensor Connector (SSC) System

English

Product Specifications

Application Specification

English