



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: 1

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	1
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	Natural
Connector & Keying Code	A

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	17.3 mm[.68 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	2300
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

 <p>TE Part # 184141-1 WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM</p>	 <p>TE Part # 184140-1 WIRE SEAL,RUBBER,SENSOR, ORANGE</p>	 <p>TE Part # CAT-EC7491-T273 Econoseal Receptacles and Tabs</p>	 <p>TE Part # 171631-2 070 TAB CONT GOLD</p>
 <p>TE Part # 184042-1 1 POS. PLUG ASSY, KEY A</p>	 <p>TE Part # 184030-3 RECPT, CONTACT 070, PTPPHBZ</p>	 <p>TE Part # 184030-1 RECPT, CONTACT 070, AUPHBZ</p>	 <p>TE Part # 184288-1 TRW E9DB-14A163-CA</p>



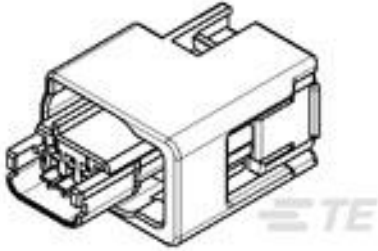

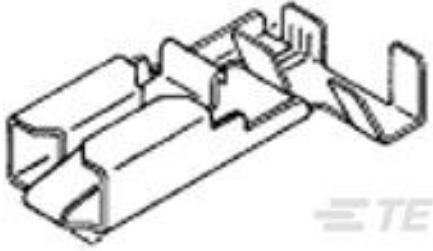


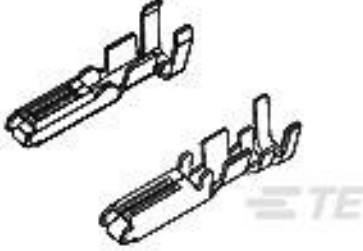




 TE Part # 184095-1 RECPT, CONTACT .070, AUPHBZ	 TE Part # 184095-2 RECPT, CONTACT .070, PTPPHBZ	 TE Part # 184139-1 WIRE SEAL,RUBBER,SENSOR,BLUE	 TE Part # 184373-2 CONTACT, RECEPTACLE, .070 TYPE
 TE Part # 184289-3 RECPT, CONTACT 070, PTPPHBZ	 TE Part # 2289050-1 1 POS. PLUG ASSY, KEY A, HIGH TEMP 150C	 TE Part # 184373-1 CONTACT, RECEPTACLE, .070 TYPE	 TE Part # 184240-1 1 POS. PLUG ASSY, KEY B
 TE Part # 184294-1 1 POS PLUG ASSY KEY C	 TE Part # 184289-1 RECPT, CONTACT 070, AUPHBZ	 TE Part # 172748-1 E-J MK-2 070 CAVITY PLUG	 TE Part # 172748-2 E-J MK-2 070 CAVITY PLUG

Also in the Series | Sealed Sensor Connector SSC System

 Automotive Connector Caps & Covers (7)	 Automotive Connector Locks & Position Assurance(6)	 Automotive Housings(177)	 Automotive Terminals(8)
 Connector Seals & Cavity Plugs(3)	 Insertion & Extraction Tools(1)	 Other Automotive Connector Accessories(6)	

Customers Also Bought



 <p>TE Part #1438454-1 0.64MM,3 POSN SEALED PLUG ASSY</p>	 <p>TE Part #1-1419168-1 MARKET 1X6 FEMALE SEALED</p>	 <p>TE Part #926790-4 PL 250 FLAG REC 1-2.5 MM2 PTP CUZN30 F53</p>	 <p>TE Part #5-2208684-3 39POS,AMP MCP2.8,REC HSG,ASSY</p>
 <p>TE Part #1452303-1 INL:R.BUM.MAL HSG12</p>	 <p>TE Part #776129-2 .070 MULTILOCK RECEPTACLE</p>	 <p>TE Part #1326030-9 2.8MM RECEPTACLE, UNSEALED, DU</p>	 <p>TE Part #184042-1 1 POS. PLUG ASSY, KEY A</p>
 <p>TE Part #316390-7 CAVITY PLUG FOR MINI M/LOCK</p>	 <p>TE Part #184020-1 2 POS. PLUG ASSY, KEY L, NAT</p>		

Documents

Product Drawings

1 POS. PLUG ASSY, KEY A

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_184042-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_184042-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_184042-2_E.3d_stp.zip

English

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Product Specifications



Application Specification

English