



Sealed Sensor Connector SSC System

TE Internal #: 184163-2

Housing for Male Terminals, Wire-to-Wire, 2 Position, .197 in [5 mm] Centerline, Sealable, Natural, Signal, Sealed Sensor Connector SSC System

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Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: **Housing for Male Terminals**

Mating Tab Width: **1.8 mm [.071 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **2**

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

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
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°
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Primary Product Color	Natural
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Connector & Keying Code	A
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Contact Features

Contact Size	1.8mm
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Contact Type	Tab
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Mating Tab Width	1.8 mm[.071 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
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Strain Relief	Without
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Connector Height	18.5 mm[.728 in]
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Product Width	42.3 mm[1.665 in]
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Product Length	18.4 mm[.724 in]
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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, 130 °C, 140 °C, 145 °C, 150 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
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Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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Agency/Standard	SAE/USCAR-2 8/97
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UL Flammability Rating	UL 94V-0
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Packaging Features



Packaging Quantity	1800
Packaging Method	Box

Other

Serviceable	Yes
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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 2023 (233) Candidate List Declared Against: JUNE 2022 (224) 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 # 184000-1
2 POS. PLUG ASSY, KEY A, BLACK



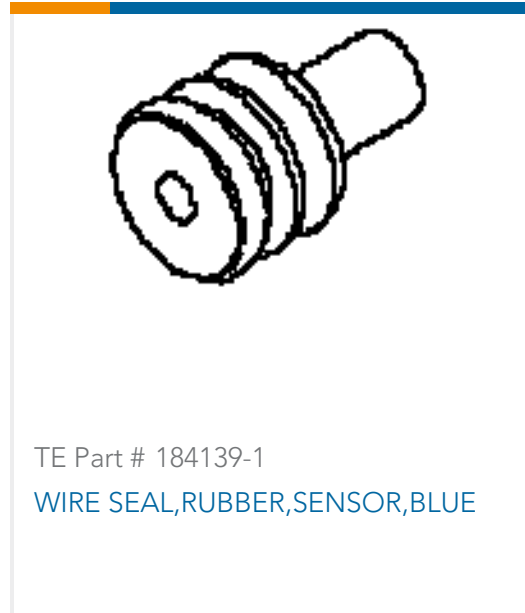
TE Part # 184141-1
WIRE SEAL, RUBBER, SENSOR, PURPLE, LIM



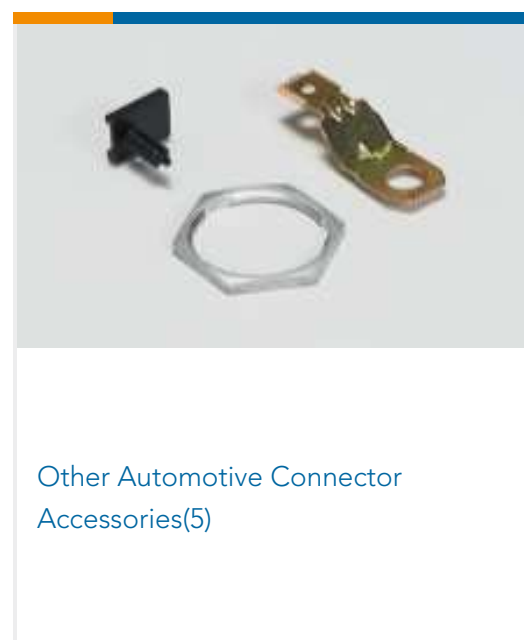
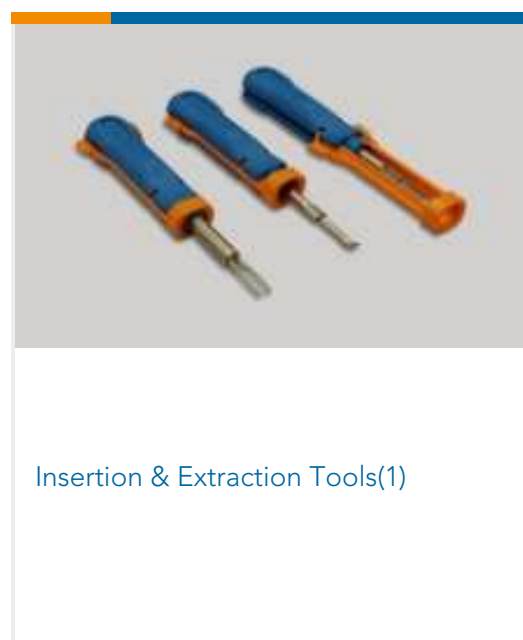
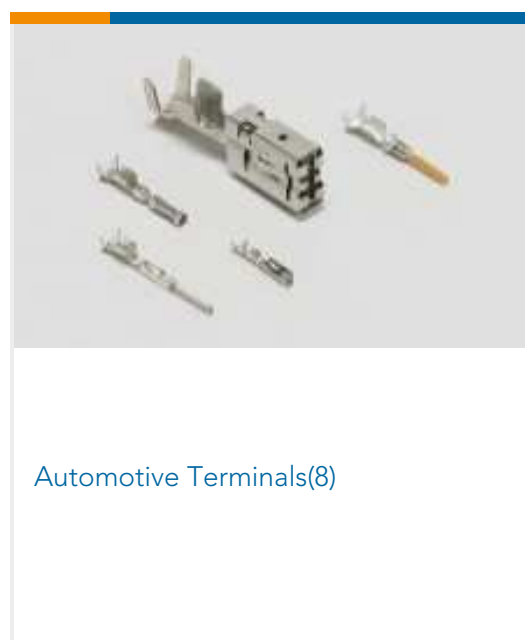
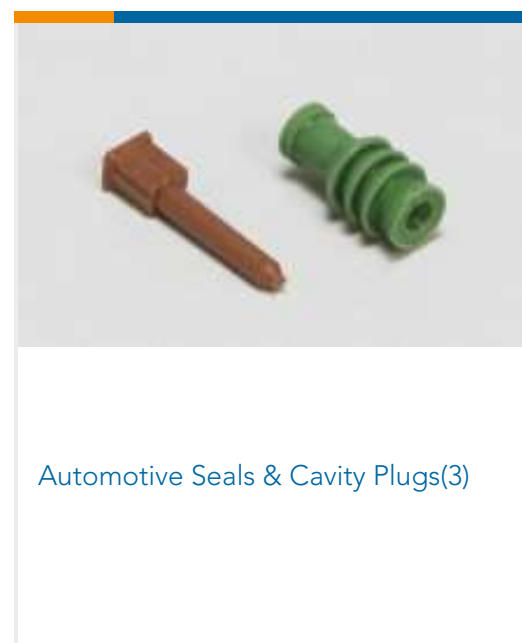
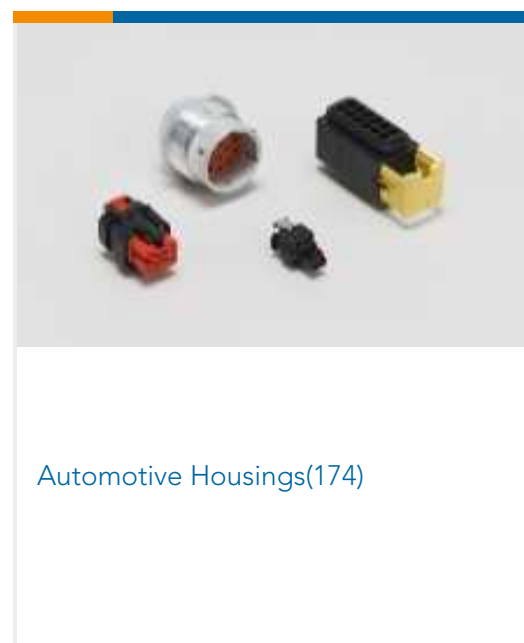
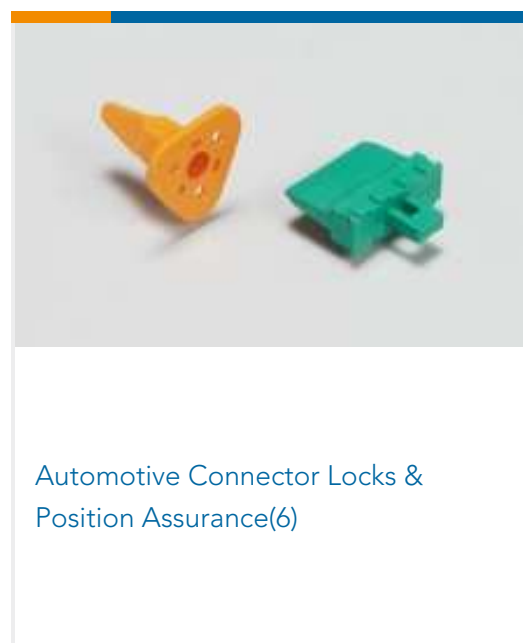
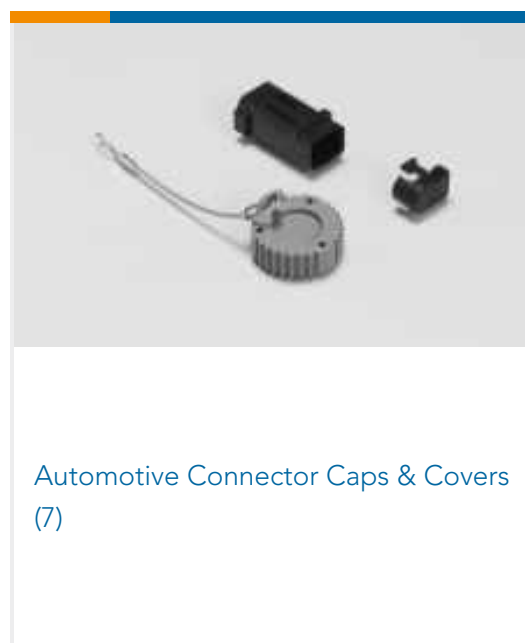
TE Part # 184140-1
WIRE SEAL, RUBBER, SENSOR, ORANGE



TE Part # CAT-EC7491-T273
Econoseal Receptacles and Tabs



Also in the Series | **Sealed Sensor Connector SSC System**



Customers Also Bought



Documents

Product Drawings

2 POS. CAP HSG., KEY A NATURAL

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_184163-2_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_184163-2_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_184163-2_A1.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English