

184115-1 ✓ ACTIVE

AMP | Sealed Sensor Connector SSC System

TE Internal #: 184115-1

Housing for Female Terminals, Wire-to-Wire / Wire-to-Device / Wire-to-Board, 12 Position, Sealed Sensor Connector SSC System

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Connectors > Automotive Connectors > Connector Housings



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

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

Number of Positions: **12**

Centerline (Pitch): **4.8 mm [ .189 in ]**

Sealable: **Yes**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	12
Number of Rows	2

### 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°
Body Material	PA GF
Primary Product Color	Black

### Contact Features

Contact Size	1.8mm
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### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	4.8 mm[.189 in]
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### Dimensions

Product Width	30.6 mm[1.205 in]
Product Length	40.8 mm[1.61 in]
Product Height	27.6 mm[1.09 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, 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]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	600
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 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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

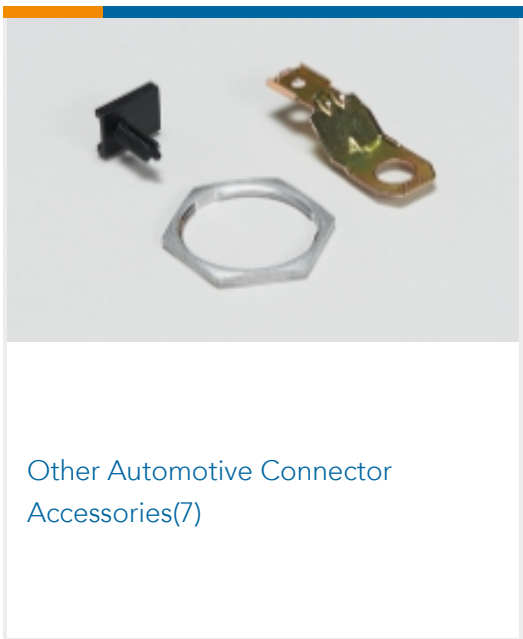
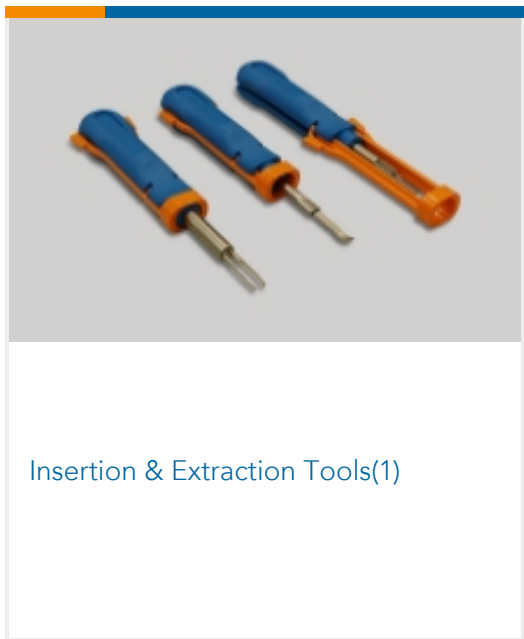
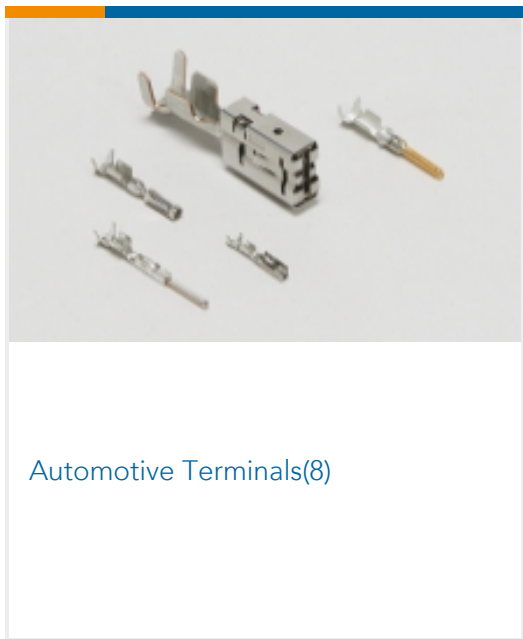
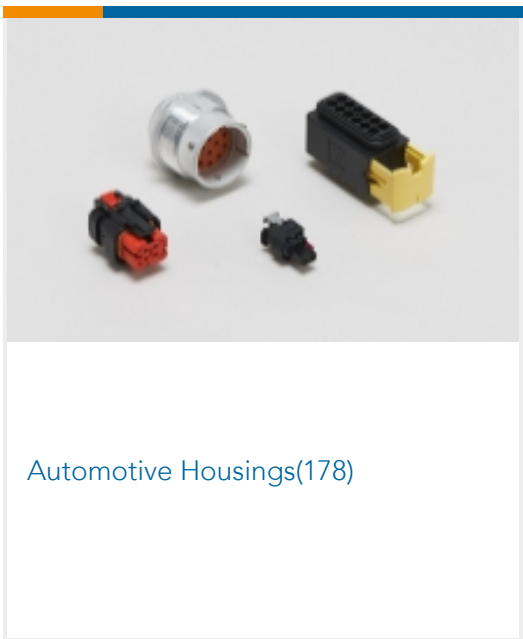
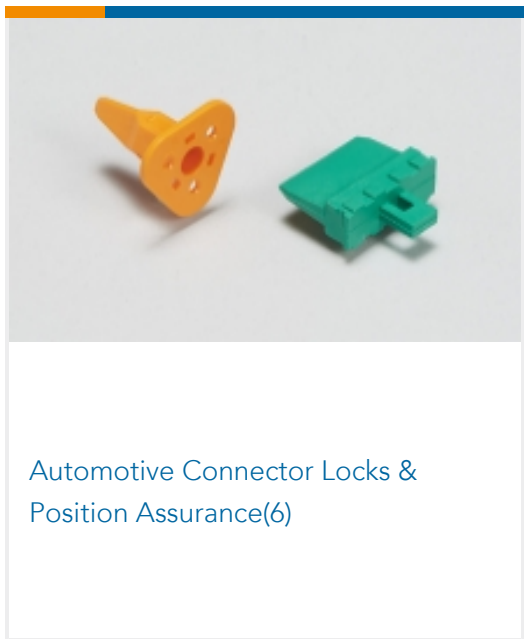
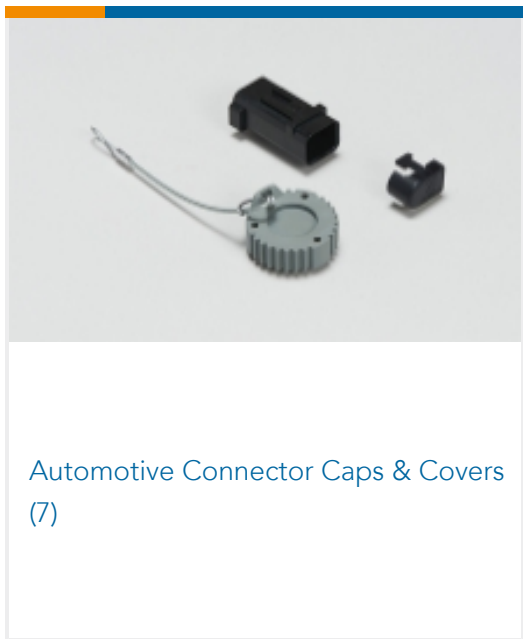
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

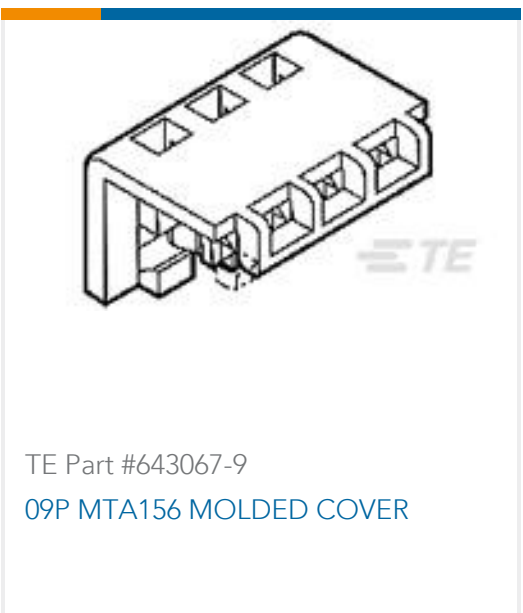
 <p>TE Part # 184141-1 WIRE SEAL,RUBBER,SENSOR,PURPLE, LIM</p>	 <p>TE Part # 184140-1 WIRE SEAL,RUBBER,SENSOR, ORANGE</p>	 <p>TE Part # 184030-3 RECPT, CONTACT 070, PTPPHBZ</p>	 <p>TE Part # 184030-1 RECPT, CONTACT 070, AUPHBZ</p>
 <p>TE Part # 184095-1 RECPT, CONTACT .070, AUPHBZ</p>	 <p>TE Part # 184095-2 RECPT, CONTACT .070, PTPPHBZ</p>	 <p>TE Part # 184139-1 WIRE SEAL,RUBBER,SENSOR,BLUE</p>	 <p>TE Part # 184058-1 12 POS. PLUG DLP</p>



Also in the Series | Sealed Sensor Connector SSC System



Customers Also Bought





TE Part #810033-000  
2019D0309-0



TE Part #YDTS20F13-08SNV001  
RECP ASSY



TE Part #3-643817-9  
09P MTA156 CONN ASSY 18AWG LF



TE Part #4-967325-1  
2,5MM BU-GEH 4P,BL



TE Part #184139-1  
WIRE SEAL,RUBBER,SENSOR,BLUE



TE Part #DT16-18SA-K004  
PLG, 18P, BLK, E, A

## Documents

### Product Drawings

#### 12 POS. PLUG ASSY

English

#### 12 POS. PLUG ASSY

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_184115-1\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_184115-1\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_184115-1\\_D.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English