



Connectors > Automotive Connectors > Automotive Connector Accessories > Other Automotive Connector Accessories



Automotive Connector Accessory Type: **Spacer**

Primary Product Material: **PBT GF**

Primary Product Color: **Black**

Operating Temperature Range: **-40 – 140 °C [-40 – 284 °F]**

### Features

#### Product Type Features

Automotive Connector Accessory Type	Spacer
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#### Body Features

Primary Product Material	PBT GF
Primary Product Color	Black

#### Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
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#### Industry Standards

Agency/Standard	USCAR
UL Flammability Rating	UL 94HB

#### Packaging Features

Packaging Quantity	1
Packaging Method	Package

#### 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

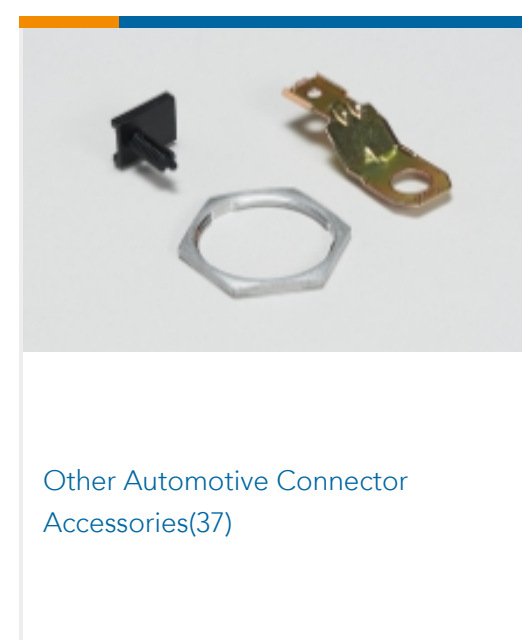
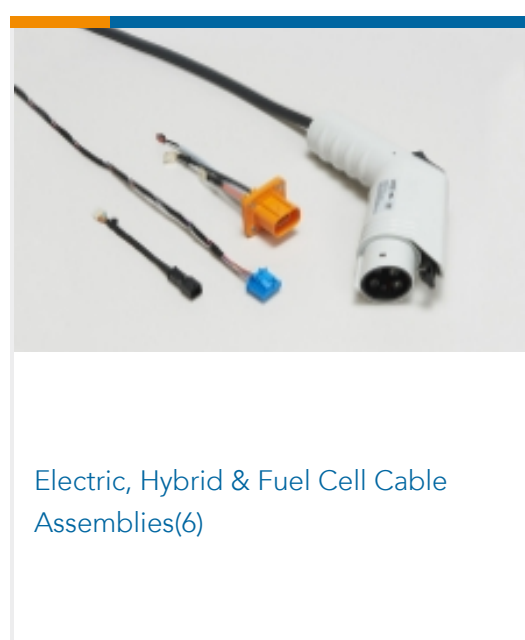
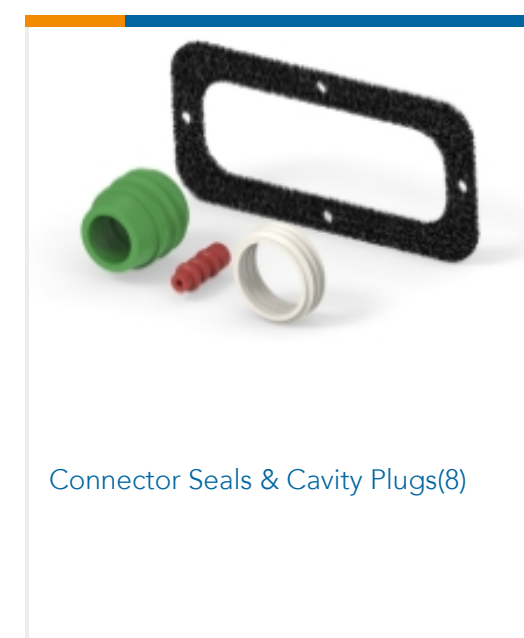
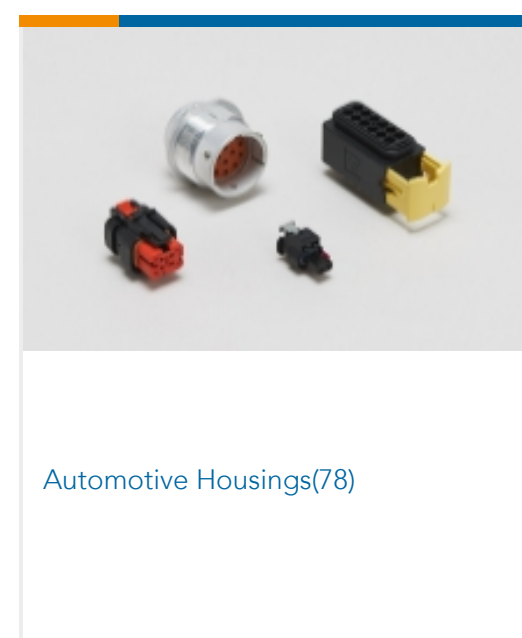
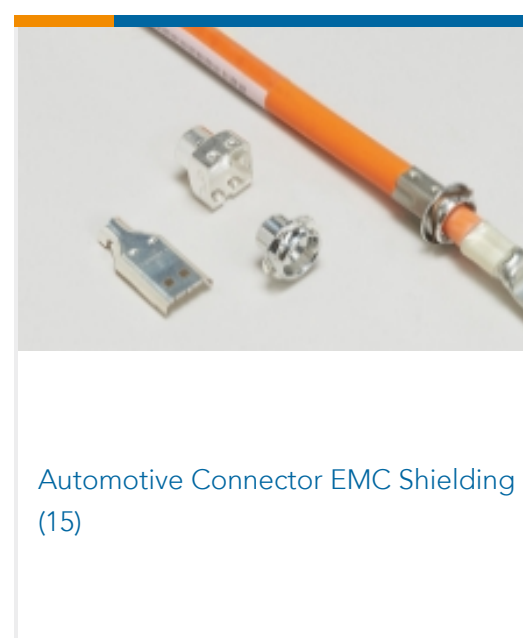
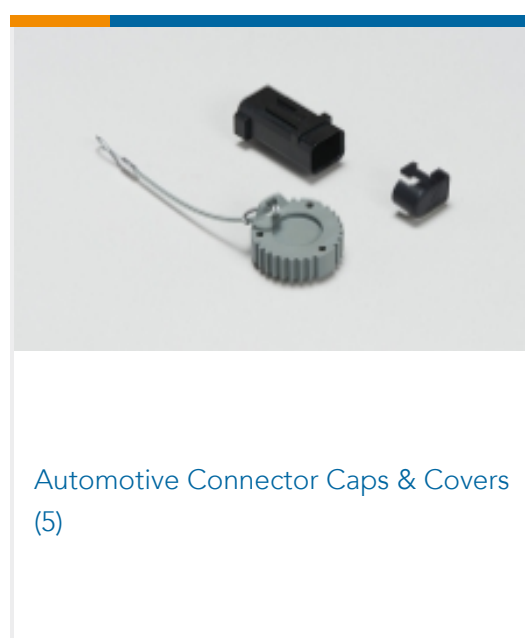
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 2103534-1 PLUG SUBASSY, A, HVA280</p>	 <p>TE Part # 1-2208103-3 2POS,HVA,2 PHM,SHUNTED,HYB ASSY</p>	 <p>TE Part # 4-2103015-5 PLUG SUBASSY, E, HVA280-2PHM F</p>	 <p>TE Part # 4-2103015-2 PLUG SUBASSY, B, HVA280-2PHM F</p>
 <p>TE Part # 2103169-2 OUTER HOUSING, CAP, KEY B, HVA280-2PHM</p>	 <p>TE Part # 4-2103015-4 PLUG SUBASSY, D, HVA280-2PHM F</p>	 <p>TE Part # 4-2103015-1 PLUG SUBASSY, A, HVA280-2PHM F</p>	 <p>TE Part # 2-2208103-3 2POS,HVA,2 PHM,SHUNTED,HYB ASSY</p>



Also in the Series | **HVA 280**



Customers Also Bought



## Documents

### Product Drawings

[SPACER, HVA280-2PHM](#)

English

[SPACER, HVA280-2PHM](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2103153-1\\_A\\_c-2103153-1-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2103153-1\\_A\\_c-2103153-1-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2103153-1\\_A\\_c-2103153-1-a.3d\\_stp.zip](#)

English

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**Product Specifications**

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English