



HVA 280

TE Internal #: 2103154-1

HVA 280, Automotive Seals & Cavity Plugs, Single Wire Seal (SWS),
Accepts Cable Insulation Diameter Range 10.7 – 11.4 mm [.421 – .449 in], Silicone

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Connectors > Automotive Connectors > Seals & Cavity Plugs



Connector Seal Type: **Single Wire Seal (SWS)**
Accepts Cable Insulation Diameter Range: **10.7 – 11.4 mm [.421 – .449 in]**
Seal Material: **Silicone**
Resistance to Hydrocarbons: **Poor**
Shore A Hardness: **30**

Features

Product Type Features

Connector Seal Type	Single Wire Seal (SWS)
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Body Features

Seal Material	Silicone
Primary Product Color	Yellow

Dimensions

Accepts Cable Insulation Diameter Range	10.7 – 11.4 mm[.421 – .449 in]
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Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Industry Standards

UL Flammability Rating	None
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Other

Resistance to Hydrocarbons	Poor
Shore A Hardness	30
Contains Lubricant	Yes



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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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>

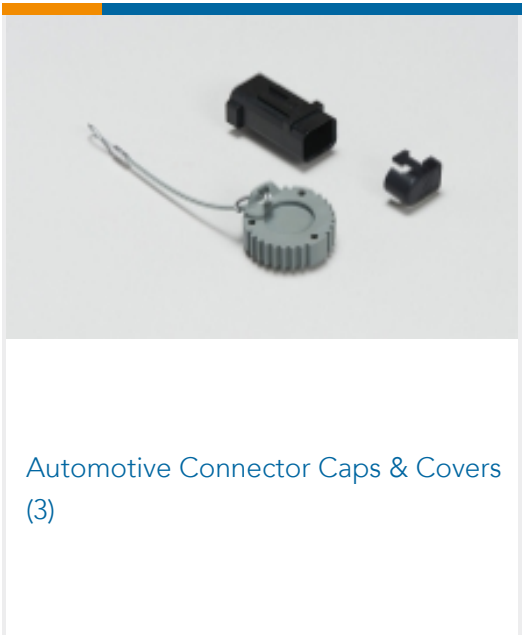
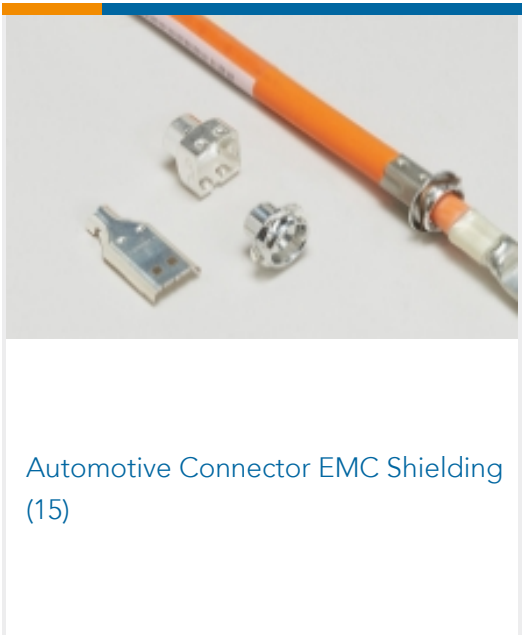
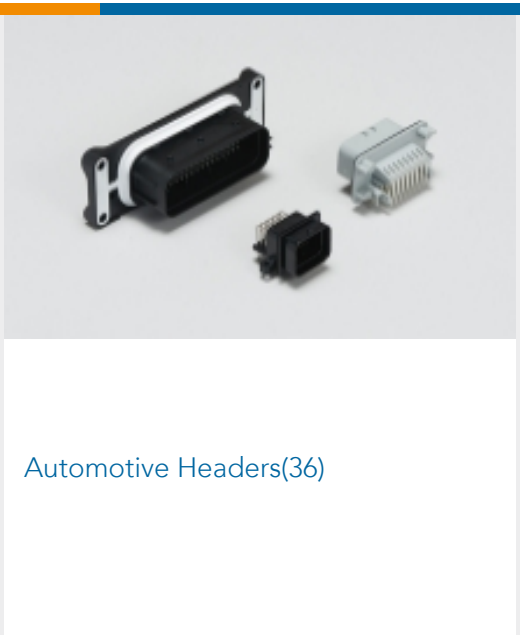
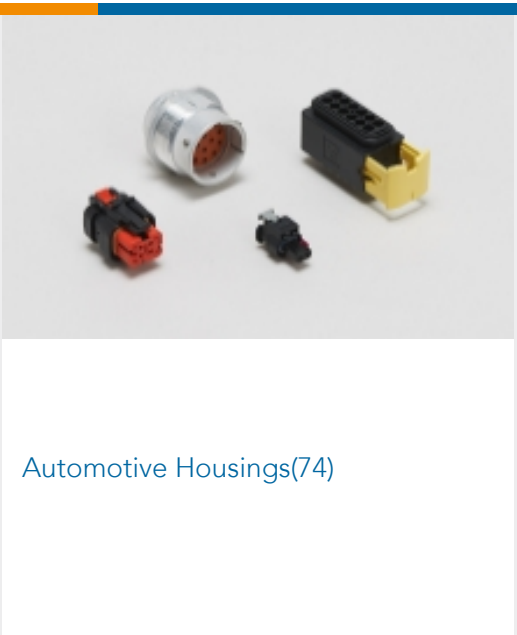
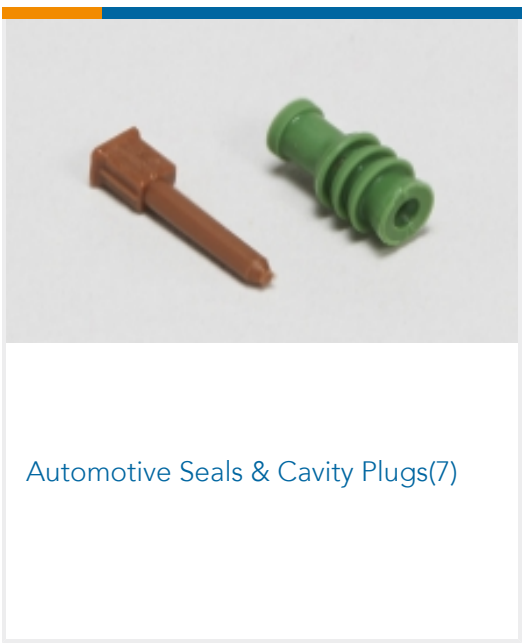
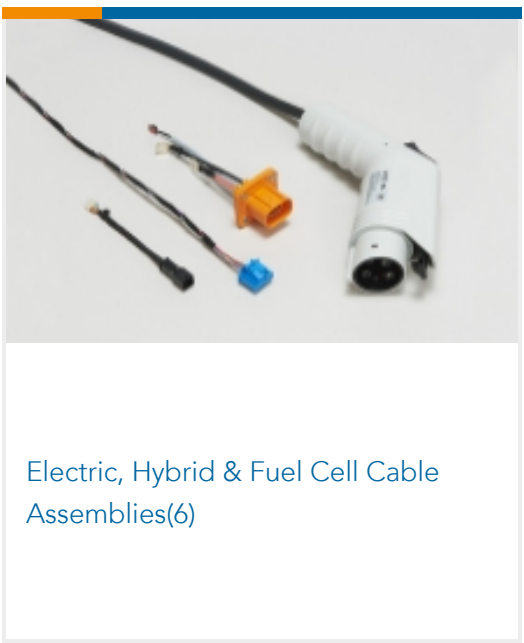
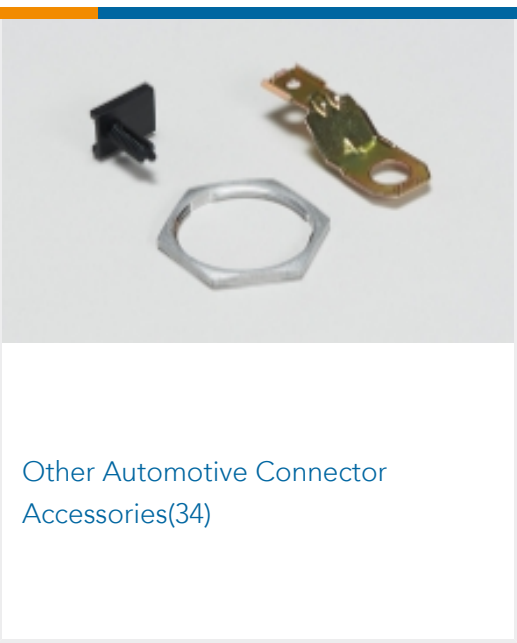
Compatible Parts

			
TE Part # 4-2103015-5 PLUG SUBASSY, E, HVA280-2PHM F	TE Part # 4-2103015-2 PLUG SUBASSY, B, HVA280-2PHM F	TE Part # 4-2103015-4 PLUG SUBASSY, D, HVA280-2PHM F	TE Part # 4-2103015-1 PLUG SUBASSY, A, HVA280-2PHM F



 TE Part # 2103169-1 OUTER HOUSING, CAP, KEY A, HVA280-2PHM	 TE Part # 2103169-5 OUTER HOUSING, CAP, KEY E, HVA280-2PHM	 TE Part # 2103534-1 PLUG SUBASSY, A, HVA280	 TE Part # 2103534-2 PLUG SUBASSY, B, HVA280
 TE Part # 2103534-4 PLUG SUBASSY, D, HVA280	 TE Part # 2103534-5 PLUG SUBASSY, E, HVA280	 TE Part # 2103534-6 PLUG SUBASSY, F, HVA280	 TE Part # 4-2103015-6 PLUG SUBASSY, F, HVA280-2PHM F
 TE Part # 1-2208103-3 2POS, HVA, 2 PHM, SHUNTED, HYB ASSY	 TE Part # 2-2208102-3 4POS, HVA, 2PHM, PASS THRU, HYB ASSY		

Also in the Series | **HVA 280**

 Automotive Connector Caps & Covers (3)	 Automotive Connector EMC Shielding (15)	 Automotive Headers(36)	 Automotive Housings(74)
 Automotive Seals & Cavity Plugs(7)	 Electric, Hybrid & Fuel Cell Cable Assemblies(6)	 High Voltage Wire Processing Equipment(7)	 Other Automotive Connector Accessories(34)

Customers Also Bought





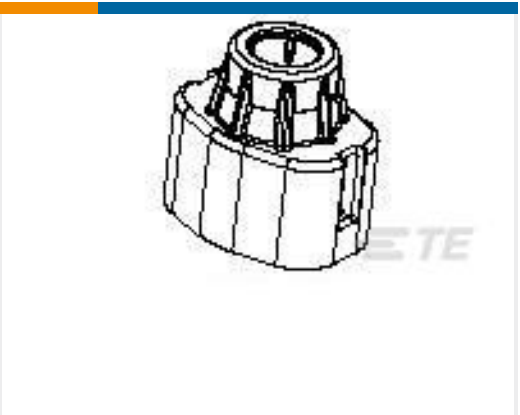
TE Part #1241390-3
AMP MCP, RECEPTACLE AND TAB



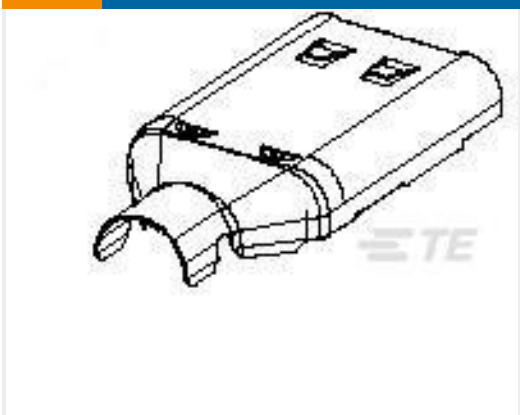
TE Part #4-2103015-5
PLUG SUBASSY, E, HVA280-2PHM F



TE Part #1587723-2
INNER FERRULE, SIZE B, HVA280-



TE Part #1587722-1
CABLE SEAL RETAINER, SIZE A, HVA280-3PM



TE Part #1587718-1
SHIELD, PLUG, HVA280-3PM



TE Part #1587723-3
INNER FERRULE, SIZE C, HVA280



TE Part #1-2103157-1
SHIELD, PLUG, SIZE 1, Ag, HVA280



TE Part #1-2141256-1
2POS,AMP MCP6.3/4.8K,REC HSG, COD.A,ASSY



TE Part #1394908-1
COVER FOR 60POS 180DEG

Documents

Product Drawings

CABLE SEAL, SIZE 1, HVA280

English

CABLE SEAL, SIZE 1, HVA280

English

CABLE SEAL, SIZE 1, HVA280

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2103154-1_A_c-2103154-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2103154-1_A_c-2103154-1-a.3d_igs.zip

English

Customer View Model



ENG_CVM_CVM_2103154-1_A_c-2103154-1-a.3d_stp.zip

English

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Datasheets & Catalog Pages

HEMS Product Overview

English

Product Specifications

Application Specification

English

Application Specification

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Application Specification

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