



HVA 280

TE Internal #: 2103188-2

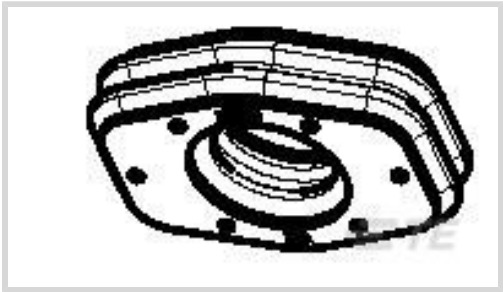
Single Wire Seal (SWS), Silicone, Green, 8.1 – 8.7 mm [.319 – .342 in]

Insulation Diameter, -40 – 130 °C [-40 – 266 °F] Operating

Temperature, HVA 280

[View on TE.com >](#)

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



Connector Seal & Plug Type: **Single Wire Seal (SWS)**

Primary Product Material: **Silicone**

Primary Product Color: **Green**

Compatible Insulation Diameter Range: **8.1 – 8.7 mm [.319 – .342 in]**

Resistance to Hydrocarbons: **Poor**

Features

Product Type Features

Connector Seal & Plug Type	Single Wire Seal (SWS)
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Body Features

Primary Product Material	Silicone
Primary Product Color	Green

Dimensions

Compatible Insulation Diameter Range	8.1 – 8.7 mm [.319 – .342 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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>


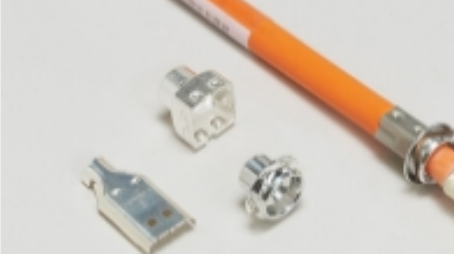






Compatible Parts



 <p>TE Part # 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 # 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 # 4-2103015-6 PLUG SUBASSY, F, HVA280-2PHM F</p>	 <p>TE Part # 2103158-4 PLUG SUBASSY, KEY D, HVA280-3PXM VR</p>		

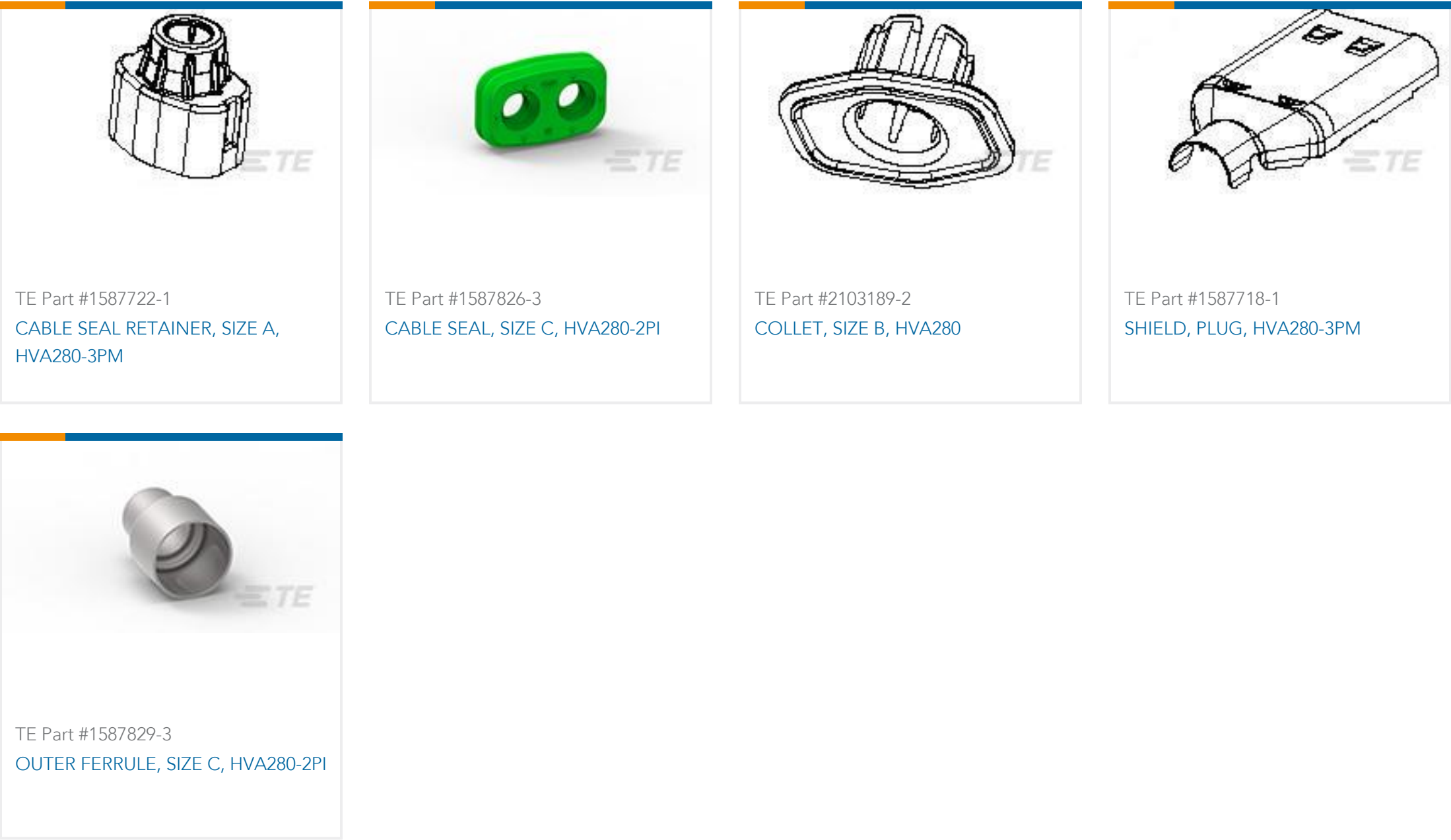
Also in the Series

HVA 280

 <p>Automotive Connector Caps & Covers (5)</p>	 <p>Automotive Connector EMC Shielding (15)</p>	 <p>Automotive Housings(71)</p>	 <p>Connector Seals & Cavity Plugs(8)</p>
 <p>Electric, Hybrid & Fuel Cell Cable Assemblies(21)</p>	 <p>High Voltage Wire Processing Equipment(7)</p>	 <p>Other Automotive Connector Accessories(38)</p>	 <p>PCB Headers & Receptacles(32)</p>

Customers Also Bought

 <p>TE Part #1587828-3 INNER FERRULE, SIZE C, HVA280-2PI</p>	 <p>TE Part #1587827-3 CABLE SEAL RETAINER, SIZE C, HVA280-2PI</p>	 <p>TE Part #1587724-1 OUTER FERRULE, SIZE A, HVA280</p>	 <p>TE Part #1587723-1 INNER FERRULE, SIZE A, HVA280</p>
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Documents

Product Drawings

CABLE SEAL, SIZE B, HVA280-3PM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2103188-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2103188-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2103188-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English