



HVA 280

TE Internal #: 2103154-1

Automotive Seals & Cavity Plugs, Single Wire Seal (SWS), Silicone, Poor, 30, Contains Lubricant, Yellow, -40 – 266 °F [-40 – 130 °C], HVA 280

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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: JUNE 2022 (224) 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 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>
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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 # 2103534-2  
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 # 2-2208102-3  
4POS,HVA,2PHM,PASS THRU,HYB ASSY

Also in the Series | **HVA 280**



Automotive Connector Caps & Covers (4)



Automotive Connector EMC Shielding (15)



Automotive Housings(74)



Automotive Seals & Cavity Plugs(8)



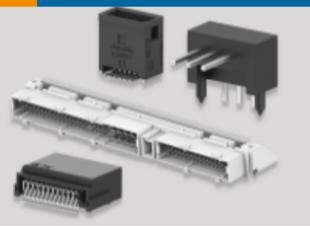
Electric, Hybrid & Fuel Cell Cable Assemblies(6)



High Voltage Wire Processing Equipment(7)



Other Automotive Connector Accessories(37)



PCB Headers & Receptacles(37)

Documents



### Product Drawings

[CABLE SEAL, SIZE 1, HVA280](#)

English

[CABLE SEAL, SIZE 1, HVA280](#)

English

[CABLE SEAL, SIZE 1, HVA280](#)

English

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### 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

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

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