



HVA 280

TE Internal #: 2103154-1

Single Wire Seal (SWS), Silicone, Yellow, 10.7 – 11.4 mm [.421 – .449 in] Insulation Diameter, HVA 280

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Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

Primary Product Material: **Silicone**

Primary Product Color: **Yellow**

Compatible Insulation Diameter Range: **10.7 – 11.4 mm [.421 – .449 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	Yellow

Dimensions

Compatible Insulation Diameter Range	10.7 – 11.4 mm [.421 – .449 in]
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Other

Resistance to Hydrocarbons	Poor
Shore A Hardness	30
Contains Lubricant	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Usage Conditions

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

Industry Standards



UL Flammability Rating	None
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2103534-1
PLUG SUBASSY, A, HVA280



TE Part # 1-2208103-3
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



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 # 2-2208103-3
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-1
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-4
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-5
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-6
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 2-2208103-1
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 2-2208103-2
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 2-2208103-6
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



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


Also in the Series | **HVA 280**




Automotive Connector Caps & Covers (5)



Automotive Connector EMC Shielding (15)



Automotive Housings(71)



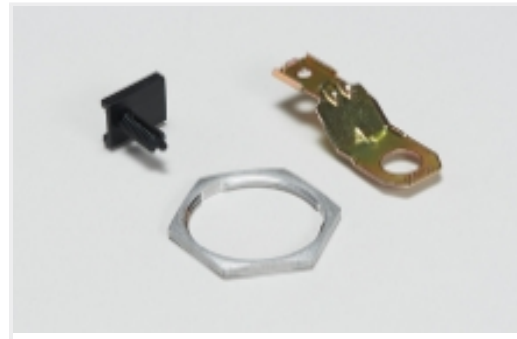
Connector Seals & Cavity Plugs(8)



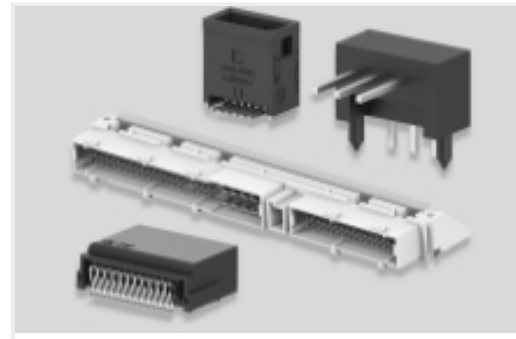
Electric, Hybrid & Fuel Cell Cable Assemblies(21)



High Voltage Wire Processing Equipment(7)



Other Automotive Connector Accessories(38)



PCB Headers & Receptacles(32)

Customers Also Bought



TE Part #5-963716-2
MOS0,63 Au tab LL unseal. 0,5-0,75



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



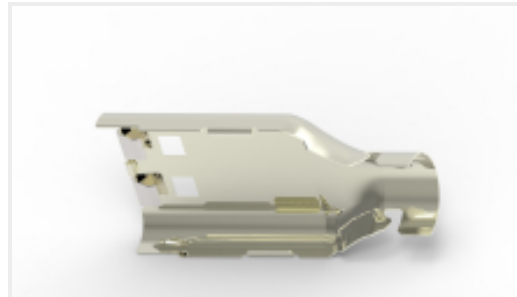
TE Part #4-2103015-2
PLUG SUBASSY, B, HVA280-2PHM F



TE Part #2103168-1
CABLE SEAL RETAINER, SIZE 1, HVA280



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



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



TE Part #2141614-5
COVER,CABLE SEAL



TE Part #2293266-4
DIA 3.6MM,PIN TERMINAL



TE Part #2310474-1
COLLET, SIZE 1, HVA280, V0



TE Part #4-2103015-6
PLUG SUBASSY, F, HVA280-2PHM F

Documents

Product Drawings

[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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Product Specifications

[Application Specification](#)

English

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