



Connectors > Connector Accessories > Connector Seals & Cavity Plugs



Connector Seal & Plug Type: **Single Wire Seal (SWS)**
Primary Product Color: **Red**
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 [149 °F, 158 °F, 167 °F, 176 °F, 185 °F, 194 °F, 212 °F, 221 °F, 230 °F, 248 °F, 257 °F]
Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

Features

Product Type Features

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

Primary Product Color	Red
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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[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2024 (240)



Candidate List Declared Against: JAN 2024
(240)
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

 TE Part # 4-2103177-6 PLUG ASSY, KEY F, FA,CPA, HVA280-2PHI XE	 TE Part # 4-2103177-1 PLUG ASSY, KEY A, FA,CPA, HVA280-2PHI XE	 TE Part # 4-2103177-4 PLUG ASSY, KEY D, FA,CPA, HVA280-2PHI XE	 TE Part # 1-2103177-4 PLUG ASSY, KEY D, TA, HVA280-2PHI XE
 TE Part # 4-2103177-2 PLUG ASSY, KEY B, FA,CPA, HVA280-2PHI XE	 TE Part # 4-2103177-5 PLUG ASSY, KEY E, FA,CPA, HVA280-2PHI XE	 TE Part # 1-1587902-0 Plug Pig Tail Assy, HV, HVA280 2P	 TE Part # 1-2103177-2 PLUG ASSY, KEY B, TA, HVA280-2PHI XE



TE Part # 2404135-2 FAMILY SEAL, HVA 280, 2P CABLE SEAL, SIZE B	TE Part # 5-2103177-1 PLUG ASSY, KEY A, FA, HVA280-2PHI XE	TE Part # 5-2103177-2 PLUG ASSY, KEY B, FA, HVA280-2PHI XE	TE Part # 5-2103177-4 PLUG ASSY, KEY D, FA, HVA280-2PHI XE
TE Part # 2343353-1 EV31 OVERSEA PTC CABLE	TE Part # 2343353-2 EV31 OVERSEA PTC CABLE, ENGLISH	TE Part # 2350370-1 EV63 PTC CABLE HARNESS	TE Part # 2350370-2 EV63 PTC CABLE HARNESS
TE Part # 2350370-3 EV63 PHRASE II PTC CABLE HARNESS	TE Part # 2371239-1 SAIC MAXUS EV31 D1 PTC HV Cable Ass	TE Part # 1587902-2 Plug Pig Tail Assy, HV, HVA280 2P	TE Part # 1587902-5 Plug Pig Tail Assy, HV, HVA280 2P

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(39)	PCB Headers & Receptacles(32)

Customers Also Bought



 TE Part #1-968853-3 AMP MCP 2.8, CONTACT	 TE Part #4-2103177-5 PLUG ASSY, KEY E, FA, CPA, HVA280-2PHI XE	 TE Part #2103177-1 PLUG ASSY, KEY A, TA, CPA, HVA280-2PHI XE	 TE Part #1587827-2 CABLE SEAL RETAINER, SIZE B, HVA280-2PI
 TE Part #1587829-3 OUTER FERRULE, SIZE C, HVA280-2PI	 TE Part #1-2321910-1 HVA630 3P PLUG ASSY, UNSHIELD	 TE Part #1-2400923-2 CU ALLOY,SHIELD,CONN HSG, CSJ1800	 TE Part #2310469-2 CABLE SEAL RTNR, SIZE C, HVA280-2PI, V0
 TE Part #2272196-2 GEN 50,TERMINAL	 TE Part #2446061-1 2POS,CSJ1800,REC OUTER HSG ASSY, UNSHIELD		

Documents

Product Drawings

CABLE SEAL, SIZE B, HVA280-2PI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1587826-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1587826-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1587826-2_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English