



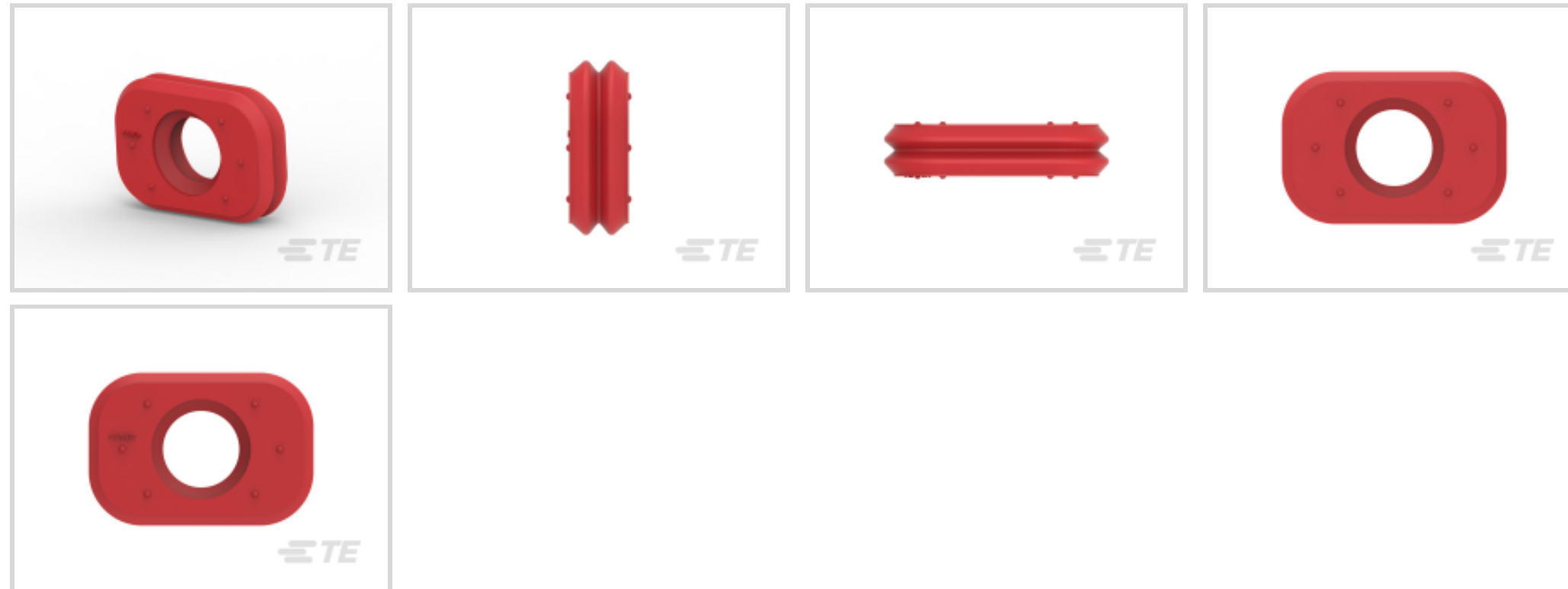
HVA 280

TE Internal #: 2103154-2

Family Seal, Silicone, Red, 9.8 – 10.5 mm [.385 – .413 in] Insulation Diameter, -40 – 150 °C [-40 – 302 °F] Operating Temperature, HVA 280

[View on TE.com >](#)

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



Connector Seal & Plug Type: **Family Seal**

Primary Product Material: **Silicone**

Primary Product Color: **Red**

Compatible Insulation Diameter Range: **9.8 – 10.5 mm [.385 – .413 in]**

Shore A Hardness: **27**

Features

Product Type Features

Connector Seal & Plug Type	Family Seal
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Body Features

Primary Product Material	Silicone
Primary Product Color	Red

Dimensions

Compatible Insulation Diameter Range	9.8 – 10.5 mm [.385 – .413 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, 140 °C, 150 °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][284 °F][302 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °F]

Industry Standards

UL Flammability Rating	None
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Packaging Features

Packaging Quantity	5000
Packaging Method	Box

Other

Shore A Hardness	27
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



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




TE Part # 1-2379993-2
3POS,HVA,280 PIGTAIL,3X2.5QMM,
HYB ASSY


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



Documents

Product Drawings

CABLE SEAL, SIZE 2, HVA280

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2103154-2_A_c-2103154-2-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103154-2_A_c-2103154-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103154-2_A_c-2103154-2-a.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English

Application Specification

English

Application Specification

English

Application Specification

English