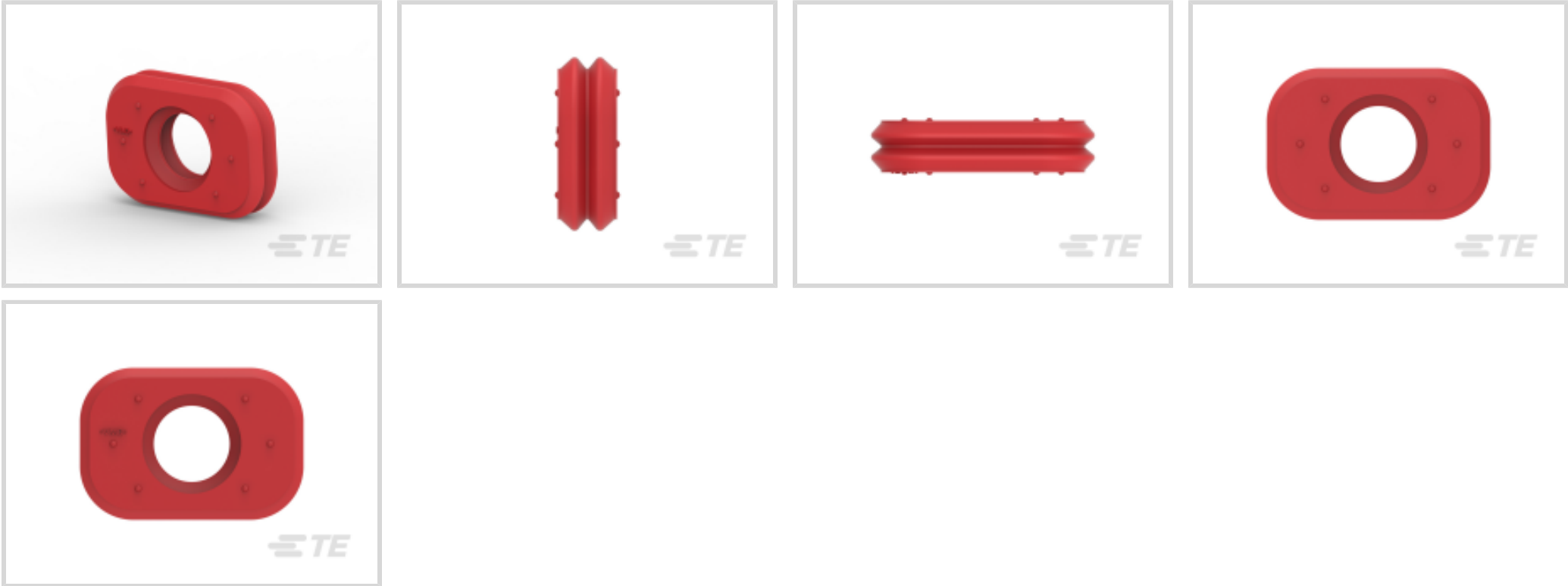




Connectors > Automotive Connectors > Seals & Cavity Plugs



Connector Seal Type: **Family Seal**

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

Seal Material: **Silicone**

Shore A Hardness: **27**

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]**

Features

Product Type Features

Connector Seal Type	Family Seal
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Body Features

Seal Material	Silicone
Primary Product Color	Red

Dimensions

Accepts Cable 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 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



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

Also in the Series | **HVA 280**

Automotive Connector Caps & Covers
(4)

Automotive Connector EMC Shielding
(15)

Automotive Housings(74)

Automotive Seals & Cavity Plugs(7)

Electric, Hybrid & Fuel Cell Cable
Assemblies(6)

High Voltage Wire Processing
Equipment(7)

Other Automotive Connector
Accessories(37)

PCB Headers & Receptacles(36)

Customers Also Bought

TE Part #2103013-1
CABLE SEAL RETAINER, SIZE 1,
HVA280

TE Part #1587724-3
OUTER FERRULE, SIZE C, HVA280

TE Part #1587985-1
INNER HSG SUBASSY, HVA280-2PHM

TE Part #1587723-3
INNER FERRULE, SIZE C, HVA280



TE Part #2141155-2
PROTEC. COVER 8MM HV,90DEG



TE Part #1-968853-3
AMP MCP 2.8, CONTACT



TE Part #2103321-1
3p Inner Hsg, Split Hdr, Key A, HVA280



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



TE Part #2103155-1
COLLET, SIZE 1, HVA280



TE Part #2103013-3
CABLE SEAL RETAINER, SIZE 2, OR, HVA280

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

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

Datasheets & Catalog Pages

HEMS Product Overview

English

Product Specifications

Application Specification

English

Application Specification

English



Application Specification

English