

2141608-4 ✓ ACTIVE

HVA 630

TE Internal #: 2141608-4

Housing for Male Terminals, 5 Position, .24 in [6.3 mm] Centerline,  
Sealable, Black, Power, Cable Mount (Free-Hanging), HVA 630

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 5

Connector & Housing Type: **Housing for Male Terminals**

Centerline (Pitch): **6.3 mm [ .24 in ]**

Sealable: **Yes**

Mating Tab Width: **6.3 mm [ .248 in ]**

## Features

### Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

### Configuration Features

Number of Positions	5
Number of Rows	2

### Electrical Characteristics

Operating Voltage	850 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V, 500 V, 550 V, 600 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black



Connector & Keying Code	A
-------------------------	---

### Contact Features

Contact Size	4.8K, 6.3mm
--------------	-------------

Contact Type	Tab
--------------	-----

Mating Tab Width	6.3 mm[.248 in]
------------------	-----------------

### Mechanical Attachment

Terminal Position Assurance	Yes
-----------------------------	-----

Strain Relief	With
---------------	------

Mating Alignment Type	Keyed
-----------------------	-------

Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

### Housing Features

Housing Material	PA GF
------------------	-------

Centerline (Pitch)	6.3 mm[.24 in]
--------------------	----------------

### Dimensions

Connector Height	39.3 mm[1.54 in]
------------------	------------------

Product Width	63.5 mm[2.5 in]
---------------	-----------------

Product Length	73.2 mm[2.88 in]
----------------	------------------

Row-to-Row Spacing	6.3 mm[.248 in]
--------------------	-----------------

### Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
-----------------------------	--

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
-----------------------------	----------------------------

### Operation/Application

Circuit Application	Power
---------------------	-------

### Industry Standards

Degree of Protection	IP4K9K
----------------------	--------

### Packaging Features

Packaging Quantity	84
--------------------	----

Packaging Method	Box
------------------	-----



Other

Serviceable	No
Connector Position Assurance Capable	Yes

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

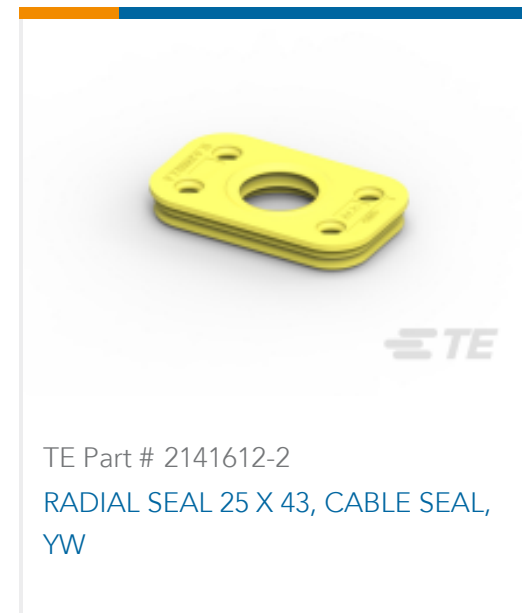
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

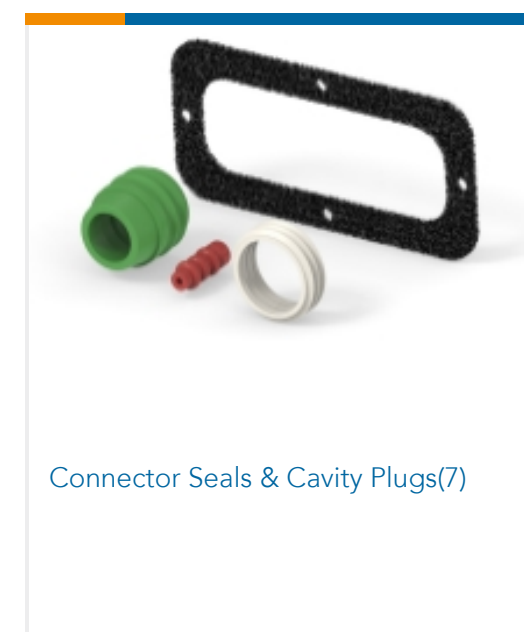
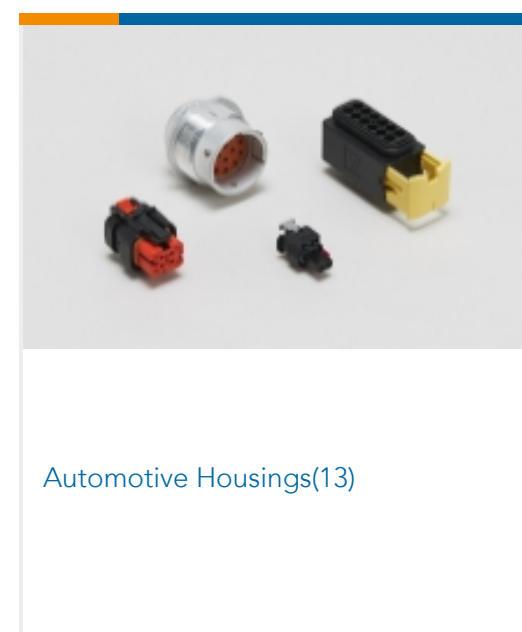
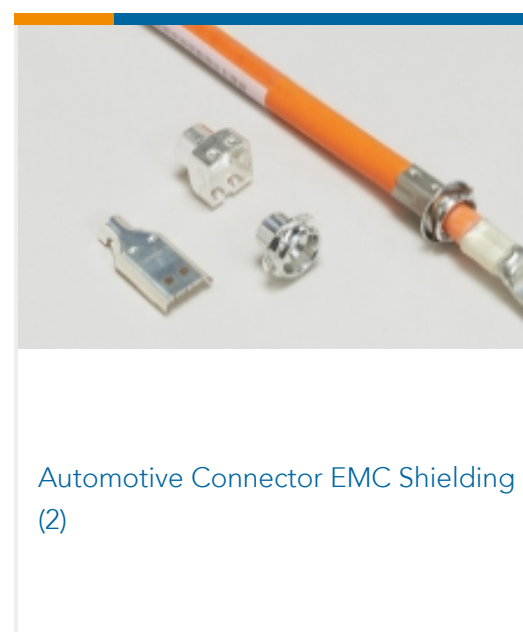
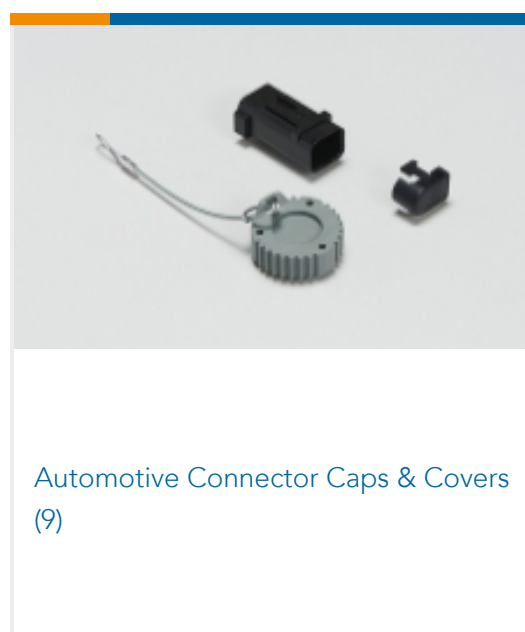
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-1241408-3 AMP MCP 6.3/4.8K, CONTACT</p>	 <p>TE Part # 2141614-2 COVER, CABLE SEAL</p>	 <p>TE Part # 2141612-3 RADIAL SEAL 25 X 43, CABLE SEAL, GN</p>	 <p>TE Part # 2141613-3 CARRIER, SEAL,GN</p>
--	---	--	---



Also in the Series | **HVA 630**

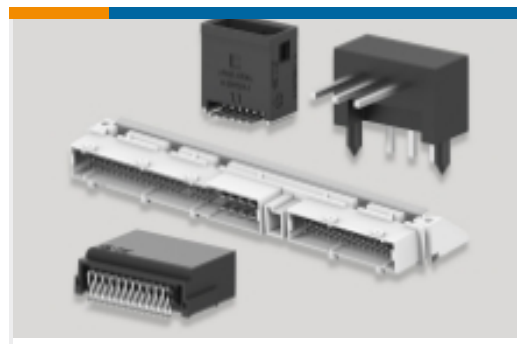




High Voltage Wire Processing Equipment(14)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(1)

## Customers Also Bought



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



TE Part #61971-1  
110 FASTON FLAG REC 22-18 AWG TPBR



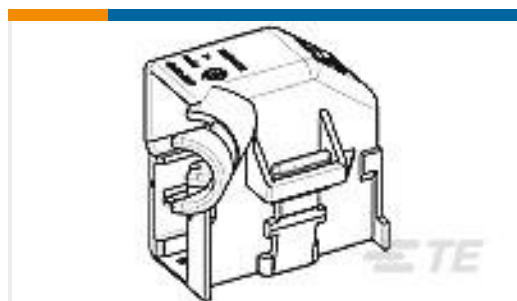
TE Part #2500033-1  
SRC Power Blind Cavity Plug



TE Part #1670208-2  
MQS1,5 AgSn rec circuit board CB unseal.



TE Part #1-2177053-1  
2POS,8MM HV,PLUG HSG,ASSY, SEALED



TE Part #1-1534095-1  
MOS COVER 2X10P



TE Part #2103154-1  
CABLE SEAL, SIZE 1, HVA280



TE Part #1-2141261-1  
SHIELD CRIMP FERRULE,INNER



TE Part #1-2141617-1  
SHIELD CRIMP FERRULE



TE Part #2208669-3  
8MM HV, CONTACT,ASSY

## Documents

### Product Drawings

5POS,AMP MCP6.3/4.8K,REC HSG,A

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG\_CVM\_CVM\_2141608-4\_F.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2141608-4\\_F.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2141608-4\\_F.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