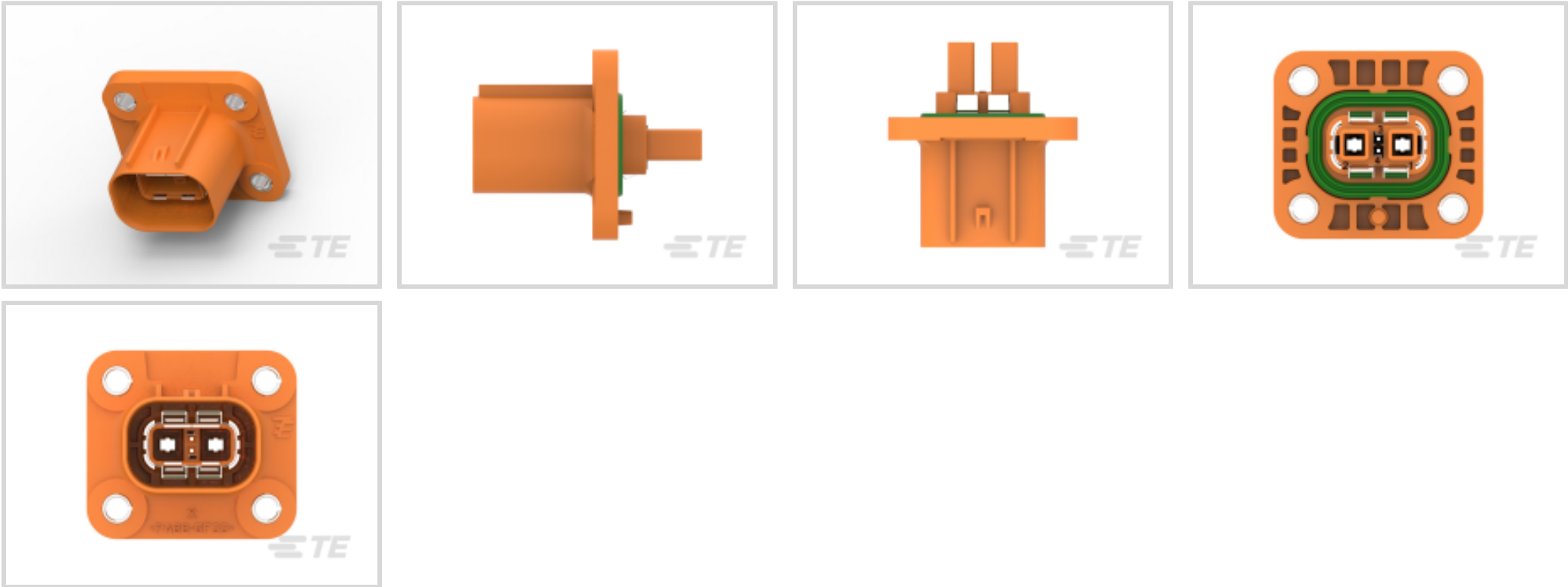




Automotive Parts > Automotive Connectors > Automotive Housings



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

Number of Positions: **2**

Sealable: **Yes**

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

Number of Rows: **1**

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
Connector System	Wire-to-Panel
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

Cable Exit Angle	180 °
Primary Product Color	Orange
Connector & Keying Code	A



Contact Features

Contact Size	2.8mm
Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	10.4 mm[.41 in]

Dimensions

Product Width	40.6 mm[1.598 in]
Product Length	45.4 mm[1.787 in]
Connector Height	49 mm[1.929 in]

Usage Conditions

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

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94HB
------------------------	---------

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Serviceable	No
Connector Position Assurance Capable	No



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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in M-16461-1) Decamethylcyclopentasiloxane (D5) (.5% in M-16461-1) Octamethylcyclotetrasiloxane (D4) (.5% in M-12208-1) 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

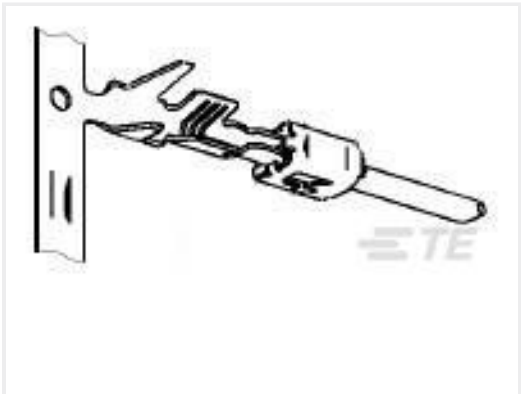
Product Compliance Disclaimer

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 # YHV280-2PM-S-4MM-B
HVA280-2PHM,SHUNTED,4SQMM,
KEY B



TE Part # 2-2141598-2
TAB 2.8x0.8 CONTACT CF SRC Ag



TE Part # 1587733-1
SHIPPING CAP, CAP, HVA280-3PM

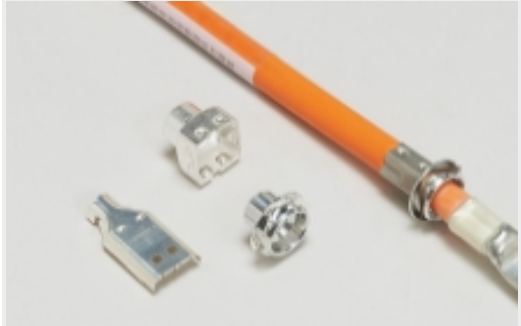


TE Part # YHV280-2PM-P-4MM-A
HVA280-2PHM,PASS,4SQMM,KEY A

Also in the Series | **HVA 280**



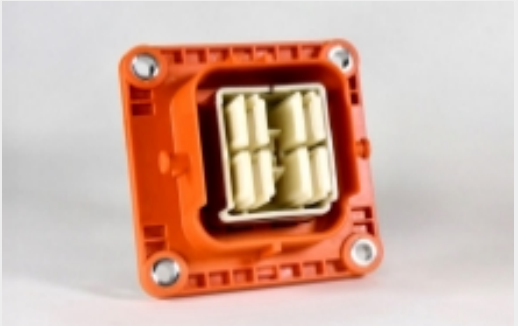
Automotive Connector Caps & Covers
(1)



Automotive Connector EMC Shielding
(1)



Automotive E-Mobility Connector
Housings(3)



Automotive E-Mobility Headers(1)



Electric, Hybrid & Fuel Cell Cable
Assemblies(2)



Other Automotive Connector
Accessories(2)

Customers Also Bought



TE Part #290051-000
FLHTC0311-14-6



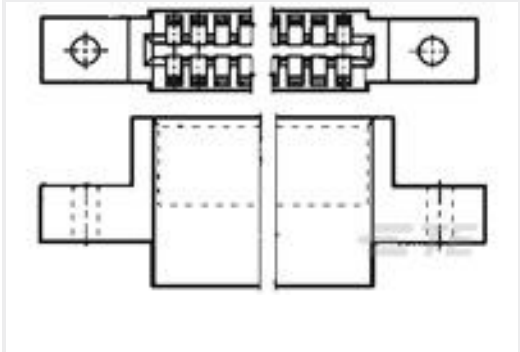
TE Part #CV0172-000
TXR40AZ00-2218AI



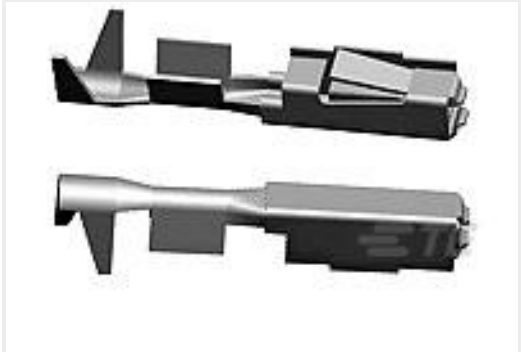
TE Part #211123-000
FLHTC0311-14-9



TE Part #1-480700-5
03P UMNL PLUG HSG GRN



TE Part #583861-5
TW-LEAF CRP HSG. 6 POS. 100 C/



TE Part #5-963715-6
MQS0,63 Ag rec LL unseal. 0,5-0,75



TE Part #965612-2
32POS MQS REC



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



Documents

Product Drawings

HEADER ASSY, Ag SHIELD, KEY A, HVA280-2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2103124-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2103124-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2103124-1_B.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English