1-2103124-1 ✔ ACTIVE

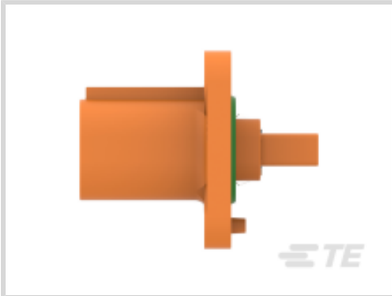
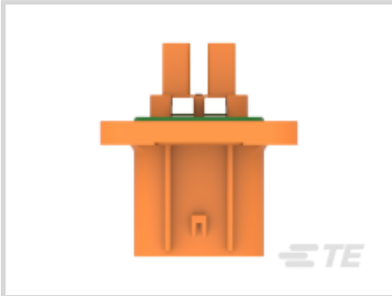
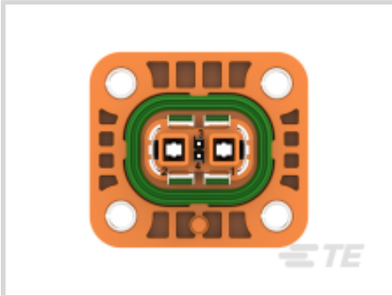
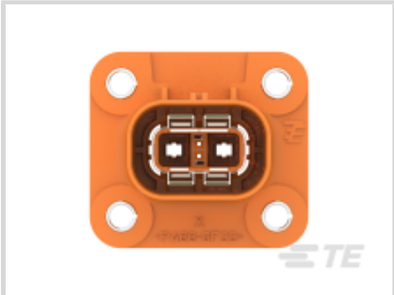
AMP+ | HVA 280

TE Internal #: 1-2103124-1

2 Position Housing, Housing for Male Terminals, Wire-to-Panel, 10.4 mm [.41 in] Centerline, Sealable, Orange, Wire & Cable, Power, HVA 280

View on TE.com >

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in M-12208-1) Decamethylcyclopentasiloxane (D5) (.5% in M-12208-1) 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 Bromine/Chlorine - Br and Cl < 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 # 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

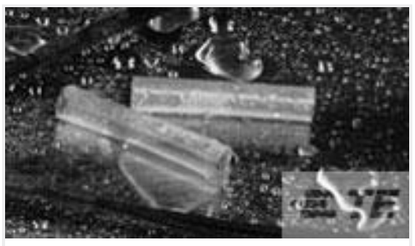
Automotive E-Mobility Connector Housings(3)

Automotive E-Mobility Headers(1)

Automotive Housings(3)

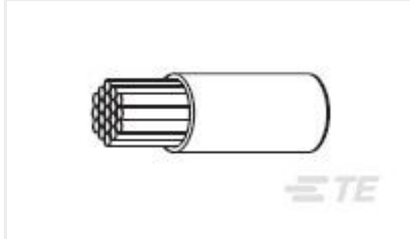
Electric, Hybrid & Fuel Cell Cable Assemblies(2)

Customers Also Bought



TE Part #035377P003
ES1000-NO.3-B8-X-75MM

TE Part #CV0172-000
TXR40AZ00-2218AI



TE Part #211123-000
FLHTC0311-14-9

TE Part #206137-2
23-7 FREE HANGING RECEPT

TE Part #CAT-M8793-T273
MQS, RECEPTACLE AND TAB

TE Part #965612-2
32POS MQS REC

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

TE Part #5-2103177-1
PLUG ASSY, KEY A, FA, HVA280-2PHI XE

TE Part #2103181-3
CABLE SEAL RTNR, SIZE C, HVA280-2PI XE

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