



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 3

Connector & Housing Type: Plug

Mating Tab Width: 2.8 mm [.11 in]

Connector System: Cable-to-Cable, Wire-to-Wire

Centerline (Pitch): 5.2 mm [.205 in]

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Plug
Connector System	Cable-to-Cable, Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	850 VDC
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Body Features

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

Contact Features

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

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF30
Centerline (Pitch)	5.2 mm[.205 in]

Dimensions

Product Width	27.6 mm[1.09 in]
Product Length	32.9 mm[1.29 in]
Connector Height	55.3 mm[2.18 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP6K7, IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	Yes
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27520056319) Decamethylcyclopentasiloxane (D5) (.5% in 27520056319) Octamethylcyclotetrasiloxane (D4) (.5% in 27520056319) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1-968851-3
AMP MCP 2.8, CONTACT



TE Part # YHVA280-3PXM-B-000
HVA280-3pxm XE,Key B



TE Part # 1587723-2
INNER FERRULE, SIZE B, HVA280-



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



TE Part # YHVA280-3PXM-E-000
HVA280-3pxm XE,Key E



TE Part # 2103247-1
SPLIT HEADER ASSY, KEY A, HVA280



TE Part # 354940-1
PRO-CRIMPER III FRAME W/O DIES

Customers Also Bought



TE Part #1625999-5
HSC100 150R 5%



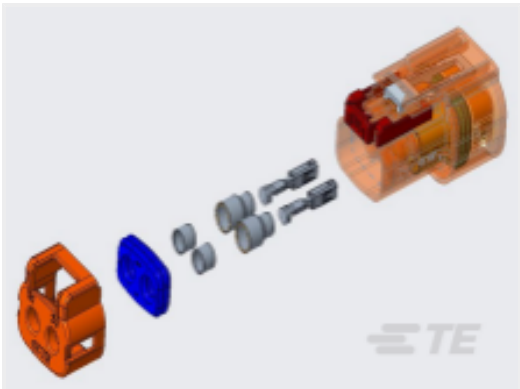
TE Part #YHV280-2PM-P-4MM-B
HVA280-2phm,pass,4sqmm,Key B



TE Part #3-1622796-0
YR1 0.1% 4K75



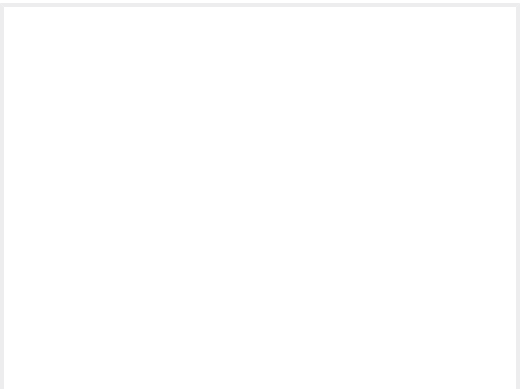
TE Part #66424-7
III+ SKT,30-26,15AU/FL,STRIP



TE Part #YHVA280-2PHI-4MM-A
HVA280-2PHI XE,4SQMM,KEY A



TE Part #1587827-3
CABLE SEAL RETAINER, SIZE C,
HVA280-2PI



TE Part #DT04-2P-KIT
DT04-2P AND WEG ONLY



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



TE Part #1587829-3
OUTER FERRULE, SIZE C, HVA280-2PI



TE Part #2103247-1
SPLIT HEADER ASSY, KEY A, HVA280

Documents

Product Drawings
HVA280-3pxm XE,Key A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_YHVA280-3PXM-A-000_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_YHVA280-3PXM-A-000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YHVA280-3PXM-A-000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HIVONEX CONNECTORS & CHARGING SOLUTIONS](#)

English

[HEMS Sample Kit YHVA280-3pxm-A-000](#)

English

Product Specifications

[Application Specification](#)

English