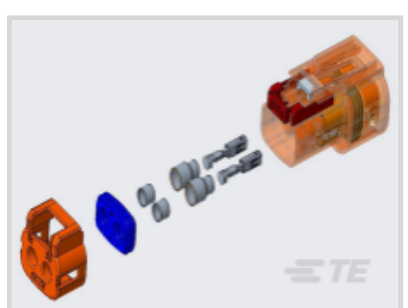
YHVA280-2PHI-4MM-B ✔ ACTIVE

TE Internal #: YHVA280-2PHI-4MM-B

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2 Position, .409 in [10.4 mm] Centerline, Sealable, Black, Signal

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **2**

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

Centerline (Pitch): **10.4 mm [.409 in]**

Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 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	B

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized

Housing Features

Housing Material	PA GF
Centerline (Pitch)	10.4 mm[.409 in]

Dimensions

Connector Height	26.4 mm[1.039 in]
Product Width	50.8 mm[2 in]
Product Length	32.9 mm[1.296 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	Signal

Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94HB

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: JAN 2024 (240)

	Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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

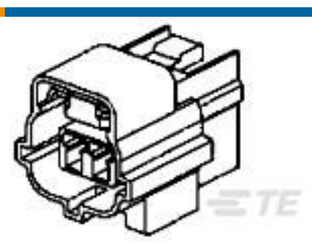


TE Part # 2103124-2
HVA280 2P HEADER ASSY, KEY B

Customers Also Bought



TE Part # 2103124-2
HVA280 2P HEADER ASSY, KEY B



TE Part # 2-174357-2
070 EJ-2(2) PLUG ASSY 3P SIR



TE Part # 1-1879074-6
THS15 10R 5%



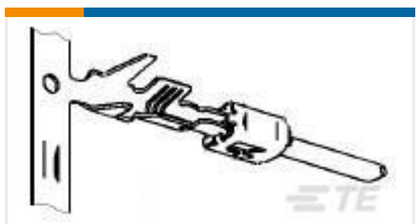
TE Part # 4-2103177-5
PLUG ASSY, KEY E, FA,CPA, HVA280-2PHI XE



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



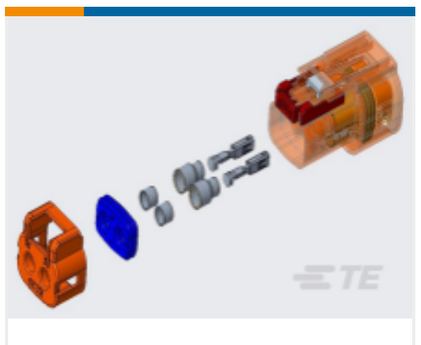
TE Part # 1-968853-3
AMP MCP 2.8, CONTACT



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



TE Part # 2173157-3
MICRO USB, TYPE B, SPLASHPROOF (LOW MOQ)



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

Documents

Product Drawings

HVA280-2phi XE,4sqmm,Key B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YHVA280-2PHI-4MM-B_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YHVA280-2PHI-4MM-B_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YHVA280-2PHI-4MM-B_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

HEMS Sample Kit YHVA280-2phi-4mm-B

English

Product Specifications

Application Specification

English