YHVA280-3PXM-A-000 ✔ ACTIVE

TE Internal #: YHVA280-3PXM-A-000

Plug, Wire-to-Wire, 3 Position, .205 in [5.2 mm] Centerline, Sealable, Orange, Power, Cable Mount (Free-Hanging), -40 – 284 °F [-40 – 140 °C], Key A

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**

Number of Positions: **3**

Connector & Housing Type: **Plug**

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

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	850 VDC

Body Features

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

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle

Mating Tab Width	2.8 mm[.11 in]

Mechanical Attachment

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

Housing Features

Housing Material	PA66 GF30
Centerline (Pitch)	5.2 mm[.205 in]

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component part) Decamethylcyclopentasiloxane (D5) (.5% in Component part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component part) **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 # 2103247-1
SPLIT HEADER ASSY, KEY A, HVA280

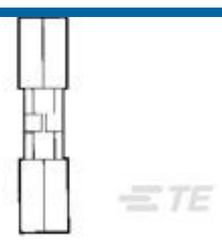


TE Part # 2103321-1
3p Inner Hsg, Split Hdr, Key A, HVA280

Customers Also Bought



TE Part #1-747943-7
KIT,RCPT,9P,HDE,SHLD ENCLSRE



TE Part #2-321801-3
SOLIS BUTT 22-16 COMM 22-18MIL



TE Part #2103247-1
High-Voltage Header



TE Part #2375502-2
CHARGE INLET, COMBO 2, 90 DEGREE



TE Part #1-1414469-0
V23134J0052X461-EV-CBOX



TE Part #2203772-1
3POS, MCON 1.2 CB TAB 1p TL SEALED



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



TE Part #YHVA630-5PHM-6MM-A
HVA630-5phm,5x6sqmm,Key A



TE Part #1587902-1
Plug Pig Tail Assy, HV, HVA280 2P

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

HEMS Sample Kit YHVA280-3pxm-A-000

English

Product Specifications

Application Specification

English