

YHV280-2PM-S-4MM-B ✓ ACTIVE

TE Internal #: YHV280-2PM-S-4MM-B

Plug, Cable-to-Cable / Wire-to-Wire, 2 Position, 10.4 mm [.409 in]

Centerline, Sealable, Orange, Wire & Cable, Power & Signal

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Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **2**

Connector & Housing Type: **Plug**

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

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
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	B

Contact Features

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

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

Housing Material	PA 66 GF
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Centerline (Pitch)	10.4 mm[.409 in]
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Dimensions

Connector Height	68 mm[2.68 in]
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Product Width	27.6 mm[1.09 in]
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Product Length	32.9 mm[1.29 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP6K7, IP6K9K
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UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	1
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Packaging Method	Package
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Other

Serviceable	Yes
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Connector Position Assurance Capable	Yes
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-2103124-1
HEADER ASSY, Ag SHIELD, KEY A, HVA280-2P

Customers Also Bought



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



TE Part #1027-008-1200
CLIP, STEEL, ZINC, 11MM HOLE, SIDE



TE Part #YDRBM-3A0000000000
FLANGE, MOUNT, 102/128P, BLK, STUD, A



TE Part #1587723-3
INNER FERRULE, SIZE C, HVA280



TE Part #1-1718492-2
1.5MM TAB HSG 36 POS ASSY



TE Part #2-2141600-2
TAB 2.8x0.8 CONTACT CF SRC Ag



TE Part #4-2103015-5
PLUG SUBASSY, E, HVA280-2PHM F



TE Part #4-2103015-4
PLUG SUBASSY, D, HVA280-2PHM F



TE Part #YHV280-2PM-S-4MM-D
HVA280-2pnm,shunted,4sqmm,Key D



TE Part #YHV280-2PM-S-4MM-E
HVA280-2pnm,shunted,4sqmm,Key E

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_YHV280-2PM-S-4MM-B_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YHV280-2PM-S-4MM-B_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YHV280-2PM-S-4MM-B_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 YHV280-2pm-s-4mm-B](#)

English