2103177-2 ✔ ACTIVE

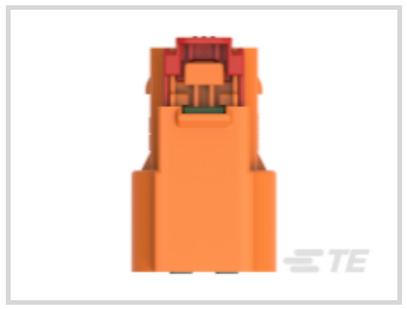
TE Internal #: 2103177-2

1000 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 10.4 mm [.41 in] Centerline, Sealable

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **1000 V**

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

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	1000 VDC
Nominal Voltage Architecture	1000 V

Body Features

Primary Product Color	Orange
Connector & Keying Code	B

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF
Centerline (Pitch)	10.4 mm[.41 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Package
Packaging Quantity	50

Other

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	有害物质含量符合标准要求 No Restricted

	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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 # CAT-LMPH9507
Low & Medium Power Header



TE Part # 1-2361027-1
PLUG ASSY, KEY A, CPA, HVA280-2PHI, HB



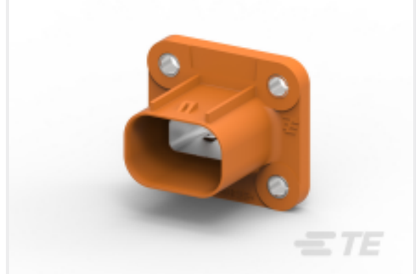
TE Part # 2361027-1
PLUG ASSY, KEY A, CPA, HVA280-2PHI, V0



TE Part # 2361027-2
PLUG ASSY, KEY B, CPA, HVA280-2PHI, V0



TE Part # 1-2361027-2
PLUG ASSY, KEY B, CPA, HVA280-2PHI, HB



TE Part # 1-2103247-2
SPLIT HEADER ASSY, Ag, KEY B, HVA280

Customers Also Bought



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



TE Part #1587826-3
CABLE SEAL, SIZE C, HVA280-2PI



TE Part #1587828-1
INNER FERRULE, SIZE A, HVA280-2PI



TE Part #1587828-3
INNER FERRULE, SIZE C, HVA280-2PI



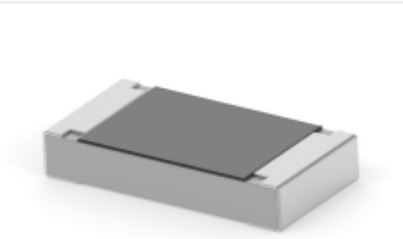
TE Part #1587829-2
OUTER FERRULE, SIZE B, HVA280-2PI



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



TE Part #2103181-1
CABLE SEAL RTNR, SIZE A, HVA280-2PI XE



TE Part #2-2176344-4
CRGCQ 1206 6K8 5%



TE Part #2318967-2
24POS,AMP MCP 2.8,REC HSG ASSY, SLD



TE Part #1-2379991-3
2POS,HVA280,180 DEG,4 SQMM, PIGTAIL

Documents

Product Drawings

PLUG ASSY, KEY B, TA,CPA, HVA280-2PHI XE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2103177-2_B_c-2103177-2-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2103177-2_B_c-2103177-2-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2103177-2_B_c-2103177-2-b.3d_stp.zip

English

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

Product Specifications

Application Specification

English