



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 1

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

Sealable: **Yes**

Mating Pin Diameter: **11 mm [.433 in]**

Number of Rows: 1

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	750 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	90°
Primary Product Color	Orange



Connector & Keying Code	A
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Contact Features

Contact Type	Pin
Mating Pin Diameter	11 mm[.433 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
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Dimensions

Connector Height	49.9 mm[1.96 in]
Product Width	57.7 mm[2.27 in]
Product Length	100.4 mm[3.95 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Industry Standards

Compatible With Agency/Standards Products	USCAR-2
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Packaging Features

Packaging Quantity	45
Packaging Method	Carton

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2137740-1
HVP1100 1POS HEADER 90 DEG ASSY
SLD



TE Part # 2137735-1
UPPER INSERT ASSY



TE Part # 2137722-1
LOWER INSERT ASSY

Also in the Series | **HVP 1100**



Automotive Connector EMC Shielding (2)



Automotive Housings(2)



Connector Seals & Cavity Plugs(1)



High Voltage Wire Processing Equipment(10)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part #0413-216-2005
SEALING PLUG, SIZE 20, KEYING, RED



TE Part #0462-005-2031
SOC, SOLID, SIZE 20, 16-18AWG, AU



TE Part #DT06-4S-P012
PLG, 4P, BLK, N, SEAL RET



TE Part #1587724-3
OUTER FERRULE, SIZE C, HVA280



TE Part #HDP26-24-47SE-L017
PLG, 47P, BLK, E, RNG, 16/20, S



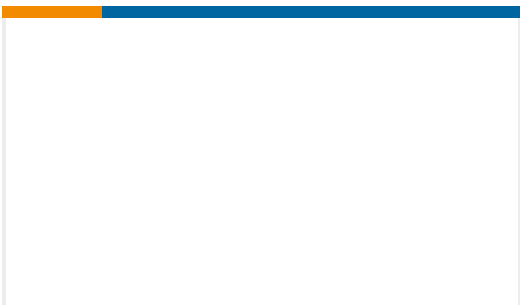
TE Part #1670813-1
EMC, CRIMP SLEEVE, IPT 70 - 12



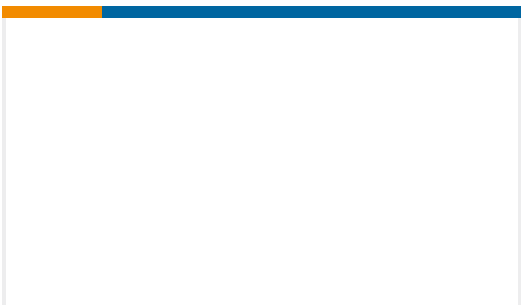
TE Part #2137715-3
11MM HV, TERMINAL ASSY 90DEG



TE Part #2141612-4
RADIAL SEAL 25 X 43, CABLE SEAL,RD



TE Part #2364925-1
GB/T AC,TPA



TE Part #9-1579019-2
DIE SET HVA280

Documents



Product Drawings

HVP1100 1POS PLUG HSG ASSY SLD 90 DEG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2137704-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2137704-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2137704-1_A.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