

2103744-1

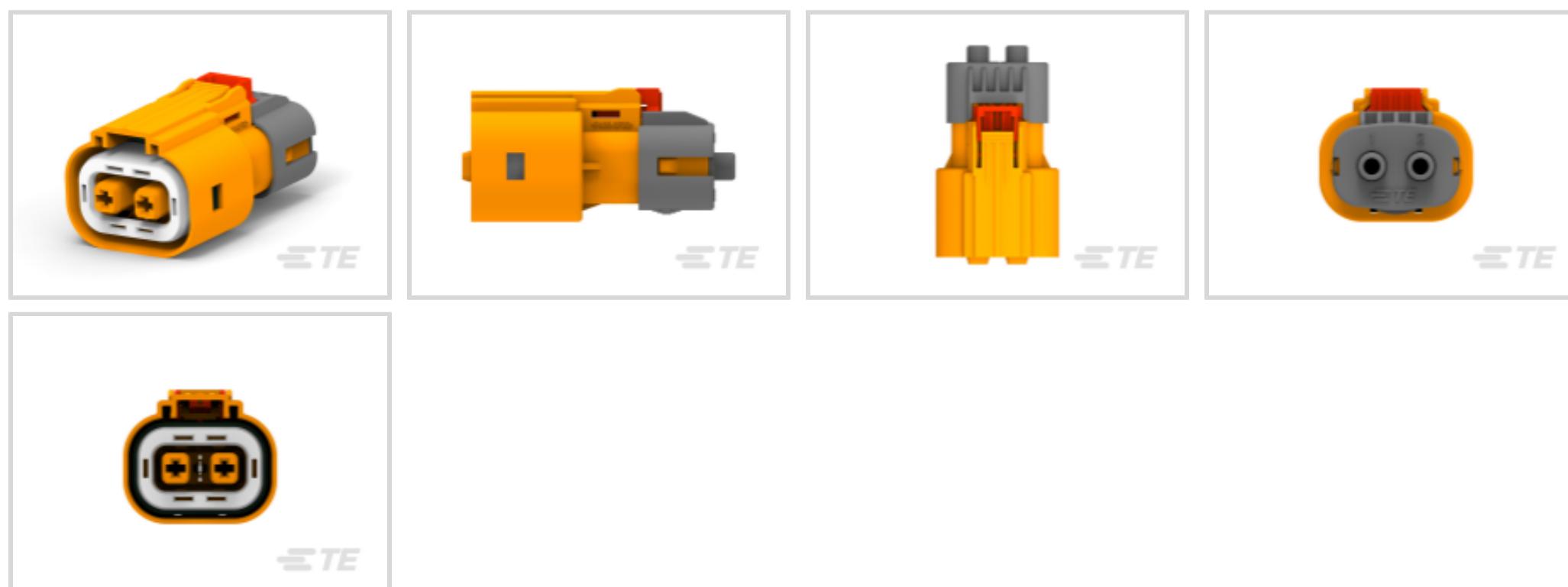
✓ ACTIVE

AMP+

TE Internal #: 2103744-1

2 Position Housing, Housing for Female Terminals, Wire-to-Board,
10.4 mm [.4 in] Centerline, Sealable, Orange, Wire & Cable, Signal[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings

Number of Positions: **2**Connector & Housing Type: **Housing for Female Terminals**Connector System: **Wire-to-Board**Centerline (Pitch): **10.4 mm [.4 in]**Sealable: **Yes**

Features

Contact Features

Contact Size	2.8mm
--------------	-------

Dimensions

Product Width	52 mm[2.04 in]
---------------	----------------

Product Length	32.9 mm[1.29 in]
----------------	------------------

Connector Height	28 mm[1.1 in]
------------------	---------------

Mechanical Attachment

Mating Alignment Type	Keyed
-----------------------	-------

Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Housing Material	PA
------------------	----

Centerline (Pitch)	10.4 mm[.4 in]
--------------------	----------------

Product Type Features

Mixed & Hybrid Connector	No
--------------------------	----

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	300 V
------------------------------	-------

Body Features

Primary Product Color	Orange
Connector & Keying Code	A

Usage Conditions

Operating Temperature (Max)	125 °C[248 °F][221 °F][158 °F][167 °F][230 °F] [176 °F][194 °F][185 °F][212 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal
---------------------	--------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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

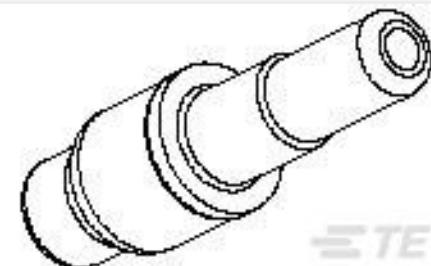
Product Compliance Disclaimer

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



TE Part # 2103009-3
CAVITY PLUG ASSY, SIZE C, HVA-IS

Customers Also Bought



TE Part #HD34-18-6PN
REC, 6P, AL, N, 4/16, P



TE Part #HD17-9-1939S-P080
PLG, 9P, GRN, N, THREAD, J1939,
TYPE 2



TE Part #967650-4
1,5MM BU-STE KPL 6P



TE Part #1587723-2
INNER FERRULE, SIZE B, HVA280-



TE Part #1587724-2
OUTER FERRULE, SIZE B, HVA280



TE Part #1587985-1
INNER HSG SUBASSY, HVA280-2PHM



TE Part #2103154-2
CABLE SEAL, SIZE 2, HVA280



TE Part #2103013-2
CABLE SEAL RETAINER, SIZE 2, BK,
HVA280



Documents

Product Drawings

[PLUG, HVIL ONLY, KEY A, HVA280-2PHI SE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2103744-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103744-1_A.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103744-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.