

# 2103177-1 ✓ ACTIVE

TE Internal #: 2103177-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Board / Wire-to-Wire, 2 Position, .409 in [10.4 mm] Centerline, Sealable, Orange, Wire & Cable

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

Mating Tab Width: **2.8 mm [ .11 in ]**

Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **2**

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

## Features

### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
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	600 V
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### Body Features

Body Material	PA GF
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Primary Product Color	Orange
Connector Code	A

### Contact Features

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

### Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	10.4 mm[.409 in]
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### Usage Conditions

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

### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### Other

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # CAT-LMPH9507  
LOW & MEDIUM POWER HEADER



TE Part # 2260703-1  
CABLE SEAL HVA280 2P

### Customers Also Bought



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



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



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



TE Part #2103181-3  
CABLE SEAL RTNR, SIZE C, HVA280-2PI XE



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



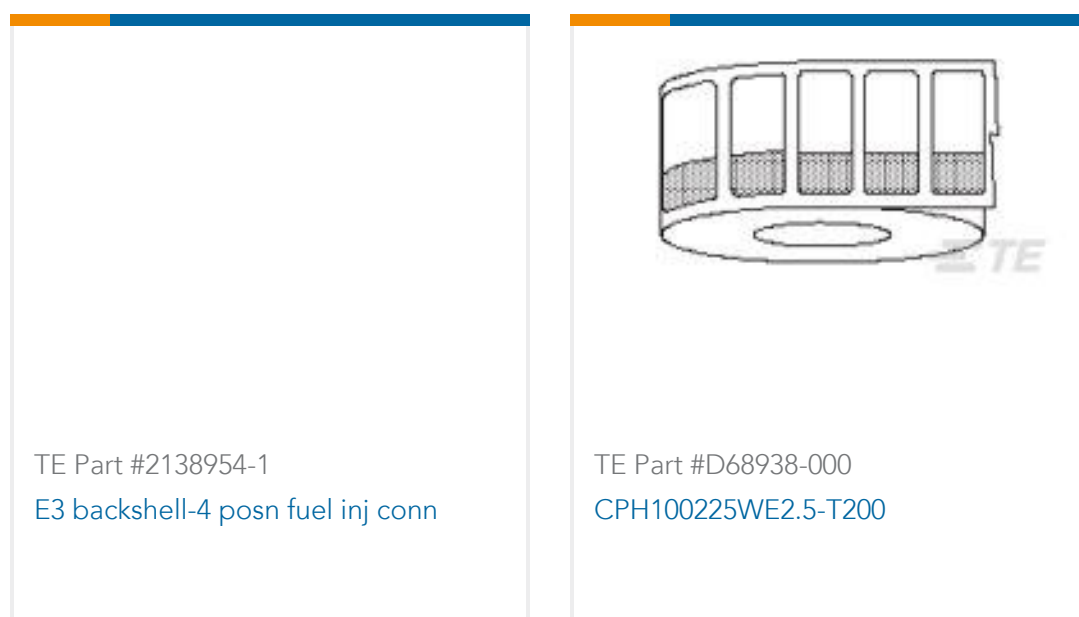
TE Part #1587829-3  
OUTER FERRULE, SIZE C, HVA280-2PI



TE Part #CB5370-000  
SST-48-15/FR/97



TE Part #2103628-6  
PLUG ASSY, 1 STAGE, KEY F, HVA280-2PHI SE



## Documents

### Product Drawings

[PLUG ASSY, KEY A, TA,CPA, HVA280-2PHI XE](#)

English

[PLUG ASSY, KEY A, TA,CPA, HVA280-2PHI XE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2103177-1\\_B\\_c-2103177-1-b.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2103177-1\\_B\\_c-2103177-1-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2103177-1\\_B\\_c-2103177-1-b.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[HEMS Product Overview](#)

English

### Product Specifications

[Application Specification](#)

English