

1-2103172-7 ✓ ACTIVE



High Power Connector System

TE Internal #: 1-2103172-7

Housing for Female Terminals, 2 Position, Sealable, Orange, Bus Bar Mount, -40 – 149 °F [-40 – 65 °C], High Power Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **2**

Sealable: **Yes**

Hybrid Connector: **Yes**

Primary Locking Feature: **Integrated in Housing**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	450 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V

Body Features

Primary Product Color	Orange
-----------------------	--------



Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Bus Bar Mount

Housing Features

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

Dimensions

Connector Height	109.9 mm[4.32 in]
Product Width	58.9 mm[2.31 in]
Product Length	111.2 mm[4.37 in]

Usage Conditions

Operating Temperature Range	-40 – 65 °C[-40 – 149 °F]
-----------------------------	---------------------------

Industry Standards

Agency/Standard	SAE/USCAR-2
-----------------	-------------

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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: JAN 2021 (211) 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

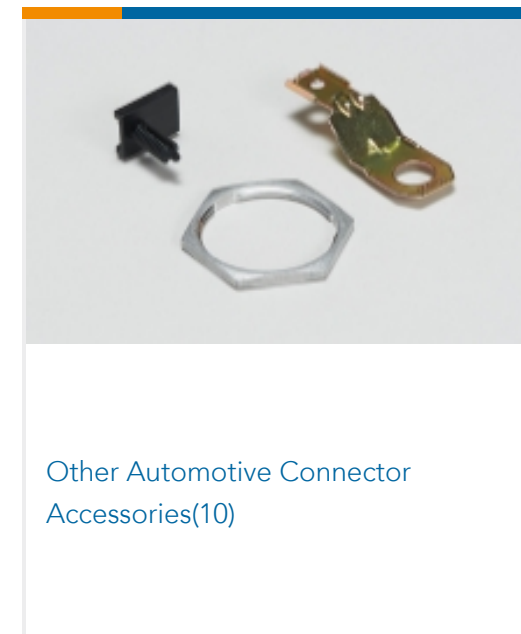
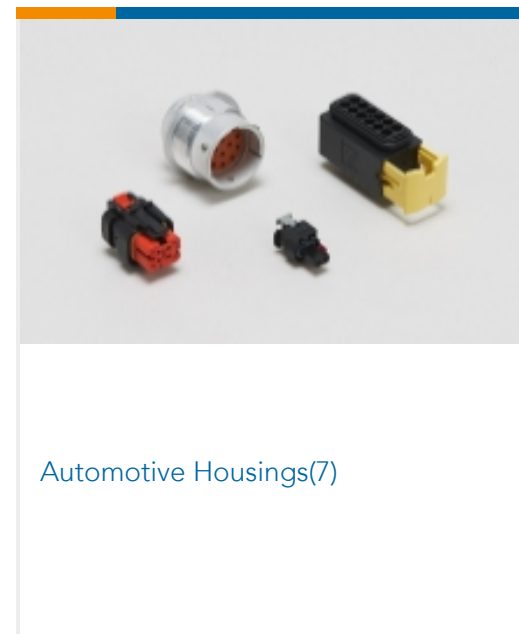
Product Compliance Disclaimer

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



Also in the Series | High Power Connector System



Customers Also Bought



Documents

Product Drawings

Plug Assembly, Shunt, MSD

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2103172-7_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2103172-7_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2103172-7_E.3d_stp.zip](#)

English

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

Product Specifications



Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English