



TE Internal #: 5-1437710-6  
Housing for Male Terminals, Wire-to-Wire, 2 Position, .255 in [6.5 mm] Centerline, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)  
[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **2**  
Connector & Housing Type: **Housing for Male Terminals**  
Centerline (Pitch): **6.5 mm [ .255 in ]**  
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	24 V
------------------------------	------

Body Features

Primary Product Color	Black
-----------------------	-------



Connector & Keying Code	Neutral
-------------------------	---------

Contact Features

Contact Size	1.6mm
Contact Type	Pin
Contact Current Rating (Max)	20 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	6.5 mm[.255 in]
--------------------	-----------------

Usage Conditions

Operating Temperature (Max)	135 °C[275 °F]
Operating Temperature Range	-40 – 135 °C[-40 – 275 °F]

Operation/Application

Circuit Application	Power
---------------------	-------

Other

Connector Position Assurance Capable	No
--------------------------------------	----

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

 <p>TE Part # 1-1437713-2 106100=GROMMET RED</p>	 <p>TE Part # 2-1437712-5 NP1WA-0002XX=CONN. 2W FEMA BLK</p>	 <p>TE Part # 1-1437713-1 106099=GROMMET BLACK</p>	 <p>TE Part # 1-1437709-5 106017/106018=TERMINAL FEM. CR</p>
 <p>TE Part # 1-1437709-4 106015/106016=TERMINAL FEM. CR</p>	 <p>TE Part # 1-1437709-6 106019/106020=TERMINAL FEM. CR</p>	 <p>TE Part # 1437709-9 106005/106006=TERMINAL FEM. CR</p>	 <p>TE Part # 1-1437713-3 106101=GROMMET BLUE</p>
 <p>TE Part # 1-1437713-4 106102=GROMMET WHITE</p>	 <p>TE Part # 1-1437709-0 106007/106008=TERMINAL FEM. CR</p>		

Customers Also Bought



TE Part #61971-1  
110 FASTON FLAG REC 22-18 AWG  
TPBR

TE Part #175966-2  
040 MLC II PLUG HSG ASSY 16P

TE Part #1326032-6  
1.5/2.8 CONNECTOR SYSTEM, RECPT  
AND TAB

TE Part #2098067-2  
Plug Assembly, Hybrid, BCM, IP2, B  
Key

TE Part #2098067-1  
Plug Assembly, Hybrid, BCM, IP1, A  
Key

TE Part #2098067-7  
Plug Assembly, Hybrid, BCM, CL, G  
Key

TE Part #2098067-5  
Plug Assembly, Hybrid, BCM, B1, E Key

TE Part #1-1437709-5  
106017/106018=TERMINAL FEM. CR

TE Part #2098377-1  
20P PLUG ASSEMBLY UNSEALED  
HYBRID A-KEY

Documents

Product Drawings

NP1TA-00R2XX=CONN. 2W MALE WAT

English

NP1TA-00R2XX=CONN. 2W MALE WAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1437710-6\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1437710-6\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1437710-6\_B.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

1,6mm CONTACT SYSTEM MALE AND FEMALE CONNECTORS

English

Instruction Sheet (non U.S.)

English