



Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

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

Number of Positions: 2

Sealable: **Yes**

Operating Temperature Range: -40 – 150 °C [-40 – 302 °F]

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	16 VDC
Nominal Voltage Architecture	12 V

Body Features



Cable Exit Angle	180 °
Primary Product Color	Black
Connector & Keying Code	1

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.06 in]

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	3.33 mm[.13 in]

Dimensions

Product Width	35.05 mm[1.38 in]
Product Length	18 mm[.709 in]
Connector Height	19.85 mm[.782 in]

Usage Conditions

Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
Operating Temperature (Max)	150 °C[302 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Other

Serviceable	Yes
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

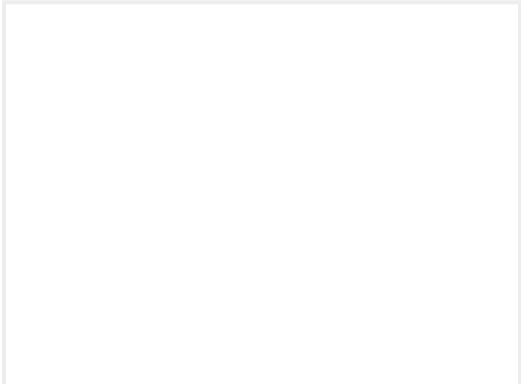
Product Compliance Disclaimer

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 # 1-1579008-0
EXTRACTION TOOL TO OPEN
SECONDARY LOCK



TE Part # 1801154-1
SEC. LOCK. DEVICE FOR 2W RCPT
HSG BLACK



TE Part # 1801153-1
RECEPTACLE HOUSING 2W HP



TE Part # 1-1801466-1
COVER, FIXED, 2 WAY HP
CONNECTOR



TE Part # 6-1579018-2
EXTRACTION TOOL



TE Part # CAT-AM706-T273
AMP MCP, SFC, RECEPTACLE



TE Part # 1801155-5
COVER FOR 2W HP CONNECTOR



TE Part # 1801466-2
COVER, FIXED, 2 WAY HP CONNECTOR



TE Part # 1-1801356-1
ROTATIVE COVER, RIGHT ANGLE, 2W HP CONN



TE Part # 1-1801466-2
COVER, FIXED, 2 WAY HP CONNECTOR



TE Part # 1801356-1
ROTATIVE COVER, RIGHT ANGLE, 2W HP CONN



TE Part # 1801174-1
2W TAB HP CONNECTOR BLACK



TE Part # 1-1801155-5
COVER FOR 2W HP CONNECTOR



TE Part # 1801466-1
COVER, FIXED, 2 WAY HP CONNECTOR

Also in the Series | **Sensor Flat Contact System**



Automotive Connector Caps & Covers (9)



Automotive Housings(50)



Automotive Signal & Power Connector Housings(50)



Automotive Terminals(18)



Insertion & Extraction Tools(7)

Customers Also Bought



TE Part #953122-4
40W MQS COVER ASSY (15d)

TE Part #CAT-N02-MUC063
MQS 0.63mm Unsealed Connector System

TE Part #1544346-1
BOITIER PC 8 MM 1

TE Part #1801175-6
2W RECEPTACLE HP CONNECTOR BROWN

TE Part #1801466-2
COVER, FIXED, 2 WAY HP CONNECTOR

TE Part #1801600-2
RECEPTACLE HOUSING, MCON, 10 W, SEALED

TE Part #1-1801607-6
TAB MAIN HOUSING, MCON, 10 W, SEALED

TE Part #1801823-1
4POS, MCON 0.5 CB, REC HSG, BLACK, ASSY, SLD

TE Part #1544647-1
BFH 5

Documents

Product Drawings
2W RECEPTACLE HP CONNECTOR BLACK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1801175-1_E.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1801175-1_E.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1801175-1_E.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

1801175-1

12 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 3.33 mm [.13 in] Centerline, Sealable, Black, Sensor Flat Contact System



Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English