



TE Internal #: 1-1801178-6
3 Position Housing, Housing for Female Terminals, Wire-to-Wire,
3.33 mm [.13 in] Centerline, Sealable, Brown, Wire & Cable, Power
[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 3
Connector & Housing Type: **Housing for Female Terminals**
Mating Tab Width: 1.5 mm [.06 in]
Connector System: **Wire-to-Wire**
Centerline (Pitch): 3.33 mm [.13 in]

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	16 VDC
Nominal Voltage Architecture	16 V

Body Features

Cable Exit Angle	180°
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Primary Product Color	Brown
Connector & Keying Code	6

Contact Features

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

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Product Width	39.05 mm[1.53 in]
Product Length	21.33 mm[.839 in]
Connector Height	19.65 mm[.773 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	528
Packaging Method	Box

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # CAT-AM706-T273
AMP MCP, SFC, RECEPTACLE




TE Part # 1801467-1
COVER, FIXED, 3 WAY HP CONNECTOR




TE Part # 6-1579018-2
EXTRACTION TOOL




TE Part # 1801359-1
ADAPTER, ROTATIVE COVER FOR 3W CONN




TE Part # 1801168-5
COVER FOR 3W HP CONNECTOR



TE Part # 1801467-2
COVER, FIXED, 3 WAY HP CONNECTOR




TE Part # 1-1801467-2
COVER, FIXED, 3 WAY HP CONNECTOR




TE Part # 1801177-6
3W TAB CONNECTOR HP BROWN







TE Part # 1-1801467-1
COVER, FIXED, 3 WAY HP CONNECTOR



TE Part # 1-1801168-5
COVER FOR 3W HP CONNECTOR




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




TE Part # 1801468-1
COVER, ROTATIVE, 3 WAY HP CONNECTOR


Customers Also Bought




TE Part #1-1801175-4
2W RECEPTACLE HP CONNECTOR YELLOW




TE Part #1544980-3
TAB HOUSING, 8MM NG1 PLUS, 2 WAY




TE Part #2-1803143-2
CRIMPER, INSULATION O



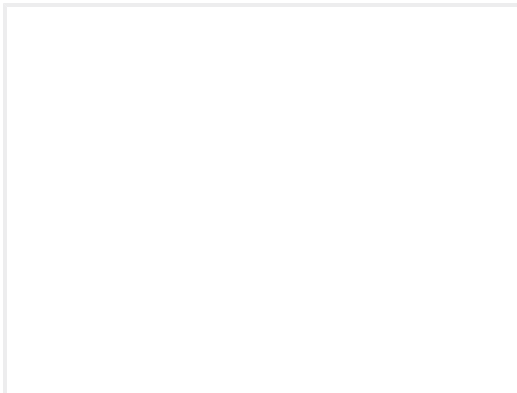
TE Part #1-1801178-8
3W RECEPTACLE HP CONNECTOR RED




TE Part #1801176-6
2W RECEPTACLE HP SL CONNECTOR BROWN




TE Part #1379118-3
6POS MQS TAB




TE Part #4-1703938-1
COVER,75,ASSY



TE Part #1544346-3
BOITIER PC 8 MM 1V



TE Part #1-1801468-1
COVER, ROTATIVE, 3 WAY HP CONNECTOR



TE Part #1-1703938-1
COVER,90,ASSY

Documents

Product Drawings
3W RECEPTACLE HP CONNECTOR BROWN
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1801178-6_F.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-1801178-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1801178-6_F.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 \(non U.S.\)](#)

English