



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**

Number of Positions: **3**

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

Centerline (Pitch): **3.33 mm [.131 in]**

Sealable: **Yes**

Features

Product Type Features

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

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]
Contact Current Rating (Max)	8 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
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[.131 in]

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-1579008-0
EXTRACTION TOOL TO OPEN SECONDARY LOCK

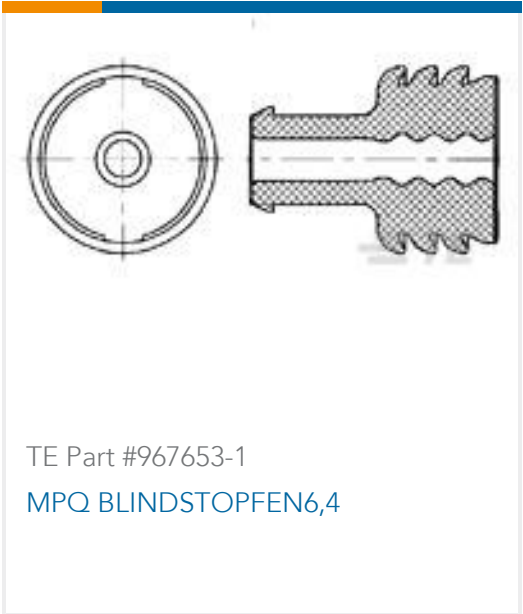











TE Part # 1801177-6
3W TAB CONNECTOR HP BROWN



 <p>TE Part # 1801359-1 ADAPTER, ROTATIVE COVER FOR 3W CONN</p>	 <p>TE Part # 1801467-2 COVER, FIXED, 3 WAY HP CONNECTOR</p>	 <p>TE Part # 1801468-1 COVER, ROTATIVE, 3 WAY HP CONNECTOR</p>	 <p>TE Part # 6-1579018-2 EXTRACTION TOOL</p>
 <p>TE Part # 1-1801168-5 COVER FOR 3W HP CONNECTOR</p>	 <p>TE Part # 1-1801467-1 COVER, FIXED, 3 WAY HP CONNECTOR</p>	 <p>TE Part # 1-1801467-2 COVER, FIXED, 3 WAY HP CONNECTOR</p>	 <p>TE Part # 1801168-5 COVER FOR 3W HP CONNECTOR</p>

Customers Also Bought

 <p>TE Part #967653-1 MPQ BLINDSTOPFEN6,4</p>	 <p>TE Part #1743086-2 LIF HYB 39P CAP ASSY BLK</p>	 <p>TE Part #1-1801178-4 3W RECEPTACLE HP CONNECTOR YELLOW</p>	 <p>TE Part #1-1801466-1 COVER, FIXED, 2 WAY HP CONNECTOR</p>
 <p>TE Part #1-1801607-6 TAB MAIN HOUSING, MCON, 10 W, SEALED</p>	 <p>TE Part #1544978-3 RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED</p>	 <p>TE Part #1743638-2 HYB SLD 36P CAP COVER HSG</p>	 <p>TE Part #1801356-1 ROTATIVE COVER, RIGHT ANGLE, 2W HP CONN</p>
 <p>TE Part #1801739-1 18W HYBRID UNSEALED TAB HOUSING BLACK</p>	 <p>TE Part #1-455888-3 SPACER, CRIMPER(062)</p>		

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