1-1801175-5 ✔ ACTIVE

Sensor Flat Contact System

TE Internal #: 1-1801175-5

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

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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	On the Terminal
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	Green
Connector & Keying Code	5

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	Yes
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	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

Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Other

Serviceable	Yes
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 2025 (250) 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 # 1-1579008-0
EXTRACTION TOOL TO OPEN SECONDARY LOCK



TE Part # 1801153-1
RECEPTACLE HOUSING 2W HP



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



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

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



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



TE Part # 1801174-5
2W TAB HP CONNECTOR GREEN



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



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



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



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



TE Part # 6-1579018-2
EXTRACTION TOOL



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



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

Also in the Series | Sensor Flat Contact System



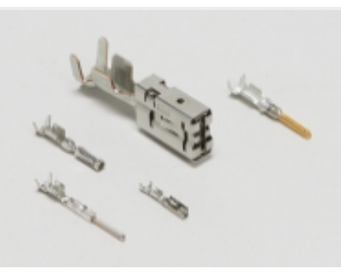
Automotive Connector Caps & Covers (9)



Automotive Housings(44)



Automotive Signal & Power Connector Housings(44)



Automotive Terminals(18)



Insertion & Extraction Tools(7)

Customers Also Bought



TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part #1544454-1
CLIP 6.35 MM SECUR



TE Part #1544970-1
SEAL, NG9K



TE Part #1801175-3
2W RECEPTACLE HP CONNECTOR GREY



TE Part #1-1801175-1
2W RECEPTACLE HP CONNECTOR BLACK



TE Part #1-1801175-3
2W RECEPTACLE HP CONNECTOR GREY



TE Part #1-1801178-1
3W RECEPTACLE HP CONNECTOR BLACK



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



TE Part #1544141-1
CLIP8MM ECHANCRE S

Documents

Product Drawings

2W RECEPTACLE HP CONNECTOR GREEN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1801175-5_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1801175-5_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1801175-5_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