1-1801175-5 ACTIVE

Sensor Flat Contact System

TE Internal #: 1-1801175-5

2 Position Housing, Housing for Female Terminals, Wire-to-Wire, 3.33 mm [.13 in] Centerline, Sealable, Green, Wire & Cable, Sensor

Flat Contact System

View on TE.com >



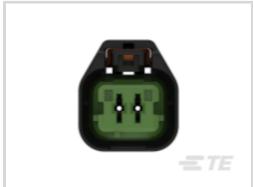
Automotive Parts > Automotive Connectors > Automotive Housings











Connector & Housing Type: Housing for Female Terminals

Number of Positions: 2

Sealable: Yes

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

Number of Rows: 1

Features

Product Type Features

Troduct Type realures	
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	

16 VDC

12 V

Operating Voltage

Nominal Voltage Architecture



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	Not Yet Reviewed
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 # 1-1801356-1
ROTATIVE COVER, RIGHT ANGLE,
2W HP CONN



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



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



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



TE Part # 6-1579018-2
EXTRACTION TOOL



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



TE Part # 1-1579008-0

EXTRACTION TOOL TO OPEN

SECONDARY LOCK





Also in the Series | Sensor Flat Contact System



Automotive Connector Caps & Covers (9)



Automotive Housings(42)



Automotive Signal & Power Connector Housings(42)



Automotive Terminals(16)

Customers Also Bought



MQS, CONNECTOR HOUSING

TE Part #963142-2 SWS,MQS,CVTY DIA,4.0,GRY

















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