

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 [.131 in] Centerline, Sealable, Green, Sensor Flat Contact System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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 [.131 in]

Features

Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Dimensions

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

Other

Serviceable	Yes
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Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	3.33 mm [.131 in]

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm [.06 in]
Contact Current Rating (Max)	8 A

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
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	2
Number of Rows	1

Usage Conditions

Operating Temperature (Max)	125 °C[293 °F][248 °F][221 °F][167 °F][158 °F] [266 °F][212 °F][257 °F][230 °F][176 °F][194 °
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F][302 °F][284 °F][185 °F]

Operating Temperature Range

-40 – 150 °C[-40 – 302 °F]

Operation/Application

Circuit Application

Signal

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.

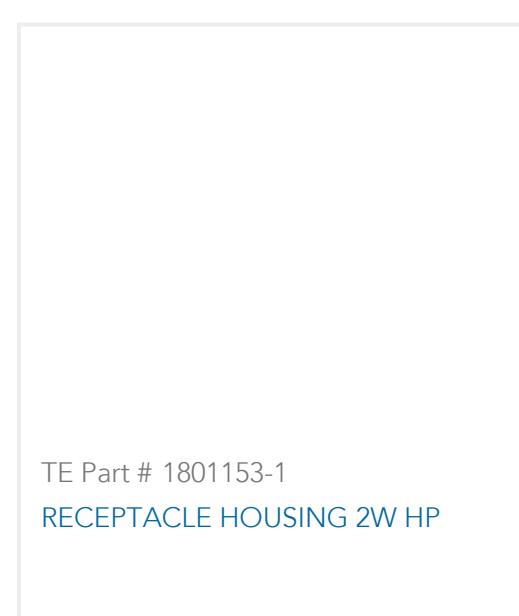
Solder Process Capability

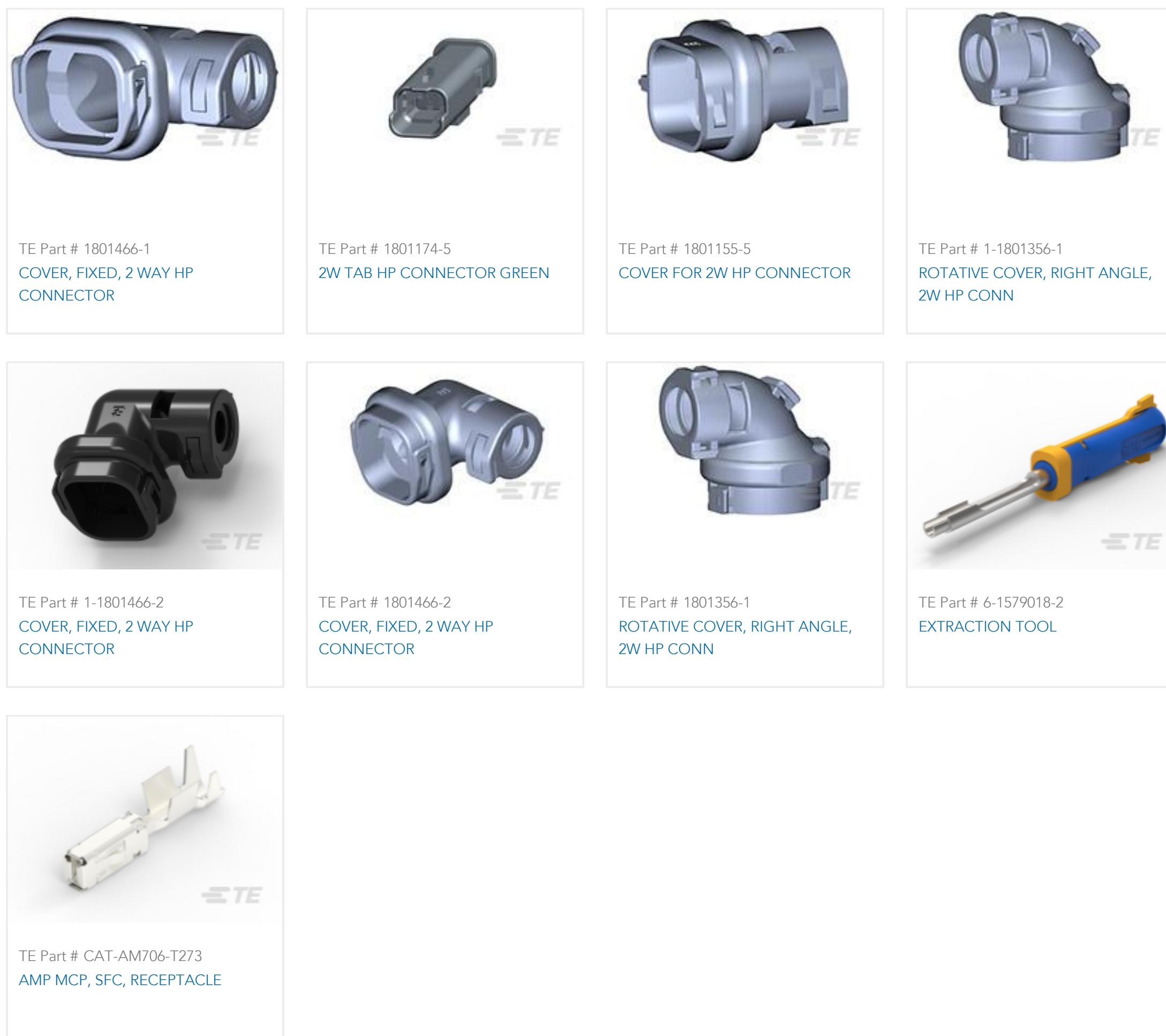
Not applicable for solder process capability

Product Compliance Disclaimer

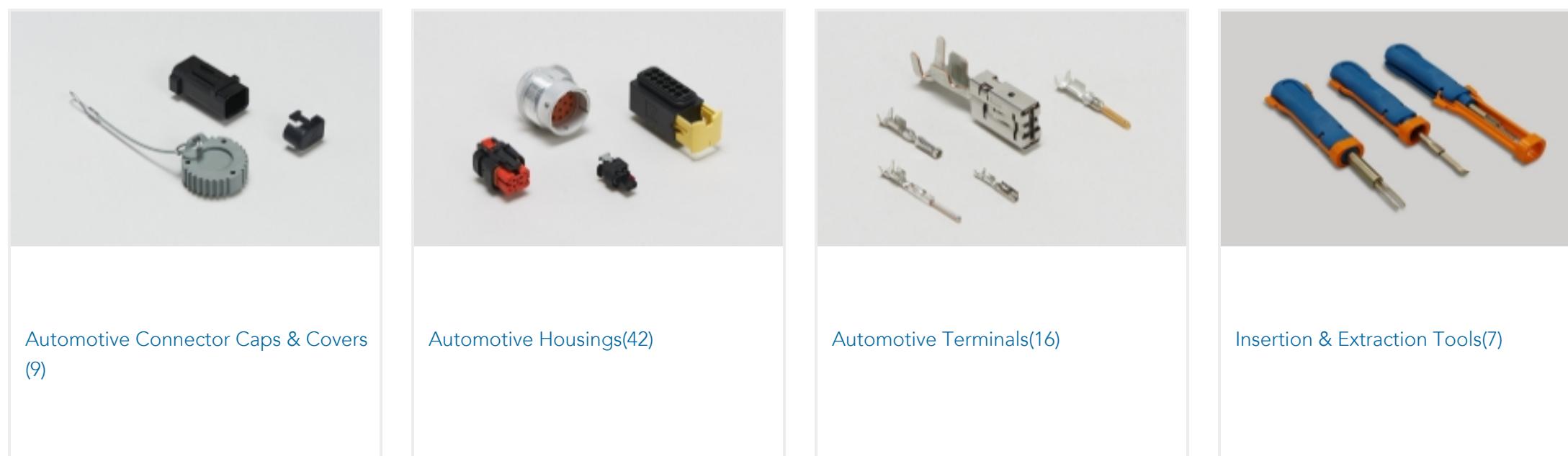
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | Sensor Flat Contact System



Customers Also Bought





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