2141501-2 ✔ ACTIVE

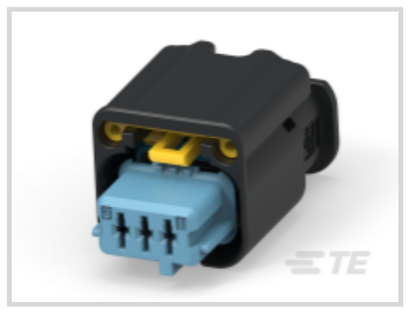
Sensor Flat Contact System

TE Internal #: 2141501-2

12 V, 3 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 3.33 mm [.13 in] Centerline, Sealable, Blue, Sensor Flat Contact System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **3**

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	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	14 VAC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Blue
Connector & Keying Code	2

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.06 in]
Contact Current Rating (Max)	14 A

Mechanical Attachment

Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	3.33 mm[.13 in]

Dimensions

Product Width	39.1 mm[1.54 in]
Product Length	21.3 mm[.84 in]
Connector Height	21 mm[.827 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 1-1801167-2
SECOND LOCK DEVICE FOR 3W RCPT HSG BLUE

TE Part # 1801177-2
3W TAB CONNECTOR HP BLUE



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

Also in the Series | Sensor Flat Contact System



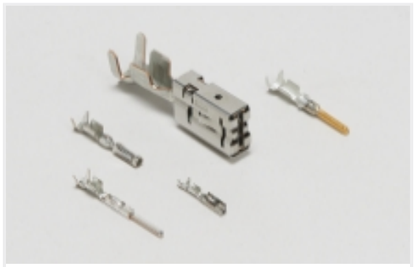
Automotive Connector Caps & Covers (9)



Automotive Housings(44)



Automotive Signal & Power Connector Housings(44)

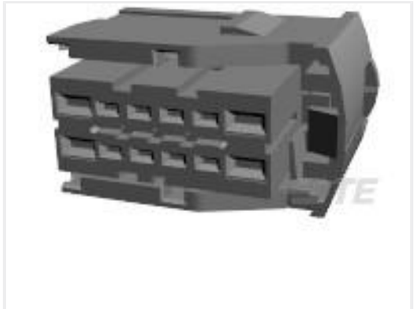


Automotive Terminals(18)

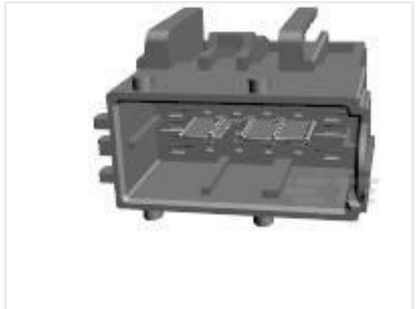
Customers Also Bought



TE Part #184002-1
2 POS. PLUG ASSY, KEY B, GRAY



TE Part #284853-3
12 POS FEMALE CONNECTOR ASS'Y



TE Part #284858-1
12 POS MALE HOUSING ASS'Y



TE Part #CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part #5-2272723-1
28P SEALED GFX PLUG ASSY, R EXIT, KEY A



TE Part #5-1438129-9
50 WAY PCM HARNESS ASSY



TE Part #2141502-1
2POS,1.5MM SFC,REC HSG,ASSY, SEALED,BK



TE Part #2141502-3
2POS,1.5MM SFC,REC HSG,ASSY, SEALED,GY



TE Part #5-1438129-8
50 WAY PCM HARNESS ASSY

Documents

Product Drawings

3POS,1.5MM SFC,REC HSG,ASSY,SEALED,BU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141501-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2141501-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141501-2_B.3d_stp.zip

English

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Product Specifications

Application Specification

English