

284556-1 ✓ ACTIVE

AMP | Sensor Flat Contact System

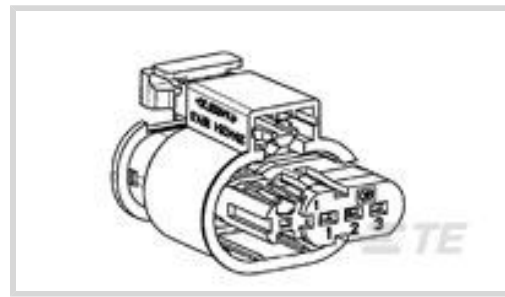
TE Internal #: 284556-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Sensor Flat Contact System

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

Mating Tab Width: **1.5 mm [.059 in]**

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

Number of Positions: **2**

Centerline (Pitch): **4 mm [.157 in]**

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

Contact Features

Contact Size	1.5mm
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Contact Type	Receptacle
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Mating Tab Width	1.5 mm[.059 in]
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Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	Yes
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Strain Relief	Without
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Product Width	22.6 mm[.89 in]
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Product Length	22.7 mm[.894 in]
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Product Height	34.9 mm[1.374 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
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Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP54K
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Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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Other

Serviceable	No
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Connector Position Assurance Capable	Yes
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

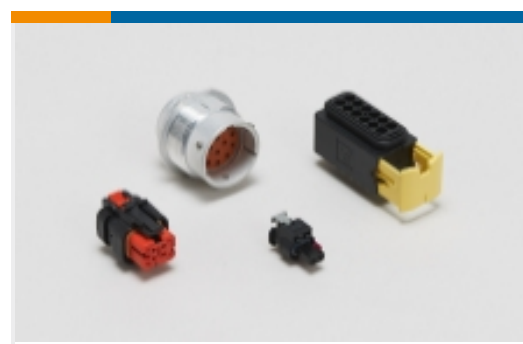
Compatible Parts



Also in the Series | [Sensor Flat Contact System](#)



Automotive Connector Caps & Covers (12)



Automotive Housings(56)



Automotive Terminals(23)



Insertion & Extraction Tools(7)

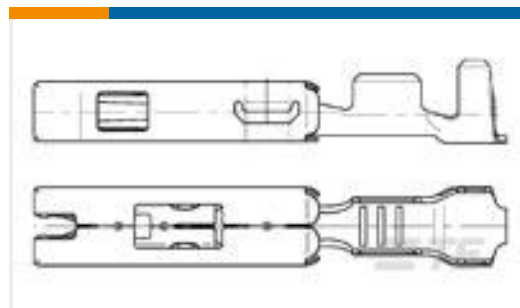
Customers Also Bought



TE Part #1-2112502-1
38POS, MIXED, REC HSG, ASSY, SEALED



TE Part #2050981-1
48P ECU PLUG CONNECTOR



TE Part #929025-1
1.5MM SFC



TE Part #2005044-2
090/250 LIF 39P PLUG ASSY



TE Part #2301238-1
DTB PLUG HSG ASSY, 49POSN., FAKRA TYPE



TE Part #2050036-4
64P ECU PLUG CONNECTOR



TE Part #6-929264-2
MT2 GEH 6P, ASSY, SW



TE Part #2298627-1
24POS, HYBRID, TAB HSG ASSY, UNSLD, COD A



TE Part #2209954-1
AIRBAG 24P COVER ASSY



TE Part #2209954-2
AIRBAG 24P COVER ASSY

Documents

Product Drawings

2 POS. CONN. FOR SPARK COIL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284556-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_284556-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284556-1_C.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

2 and 3 pos. connector for spark coil

English

Instruction Sheet (non U.S.)

English