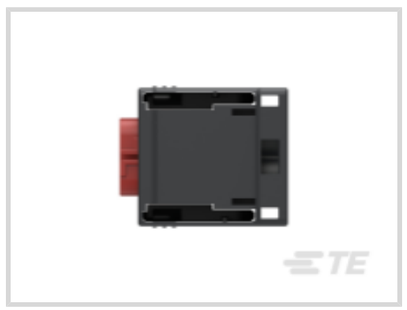
2141968-3 ✔ ACTIVE

TE Internal #: 2141968-3

12 V, 46 Position, Automotive Housing for Female Terminals, Wire-to-Board, 3.8 mm / 6 mm [.149 in / .236 in] Centerline, Sealable, Black, Wire & Cable

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: **46**

Sealable: **Yes**

Number of Rows: **3**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	46
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.64mm, 2.8mm, 6.3mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.8 mm, 6.3 mm[.025 in][.11 in][.25 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	3.8 mm, 6 mm[.149 in][.236 in]

Dimensions

Row-to-Row Spacing	4.5 mm, 8.5 mm[.18 in][.34 in]
Product Width	36.6 mm[1.44 in]
Product Length	92 mm[3.62 in]
Connector Height	43.5 mm[1.71 in]

Operation/Application

Circuit Application	Power & Signal

Other

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 2025 (250) 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

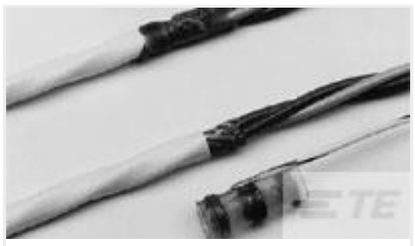
Compatible Parts

TE Part # 2141956-1
RADIAL SEAL 76 X 21

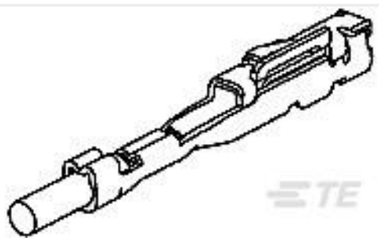
Customers Also Bought



TE Part #054955-000
CWT-9001



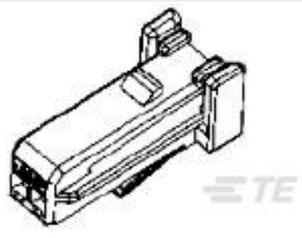
TE Part #470037-000
CWT-9002



TE Part #1123343-1
025 REC CONTACT



TE Part #CAT-G3353-T273
GET .64 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #1473143-1

025 PLUG HSG 2P



TE Part #2141969-1

COVER, WITH LEVER,ASSY



TE Part #2272975-1

6 Pos. Sealed MCON 1.2 Connect

Documents

Product Drawings

46POS, MIXED,REC HSG,ASSY,SEAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141968-3_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2141968-3_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141968-3_B1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Application Specification

English

Application Specification

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Application Specification

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Application Specification

English

Application Specification

English

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

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English

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Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English