



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 46

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .64 mm, 2.8 mm, 6.3 mm [.025 in, .11 in, .25 in]

Connector System: Wire-to-Board

Centerline (Pitch): 3.8 mm, 6 mm [.149 in, .236 in]

Features

Product Type Features

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

Configuration Features

Number of Positions	46
Number of Rows	3

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

Strain Relief	With
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]

Packaging Features

Packaging Quantity	120
Packaging Method	Package

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: JAN 2025 (247)



Candidate List Declared Against: JAN 2025  
(247)  
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 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 # 2141969-1  
COVER, WITH LEVER,ASSY


Also in the Series | Generation Y Connector System



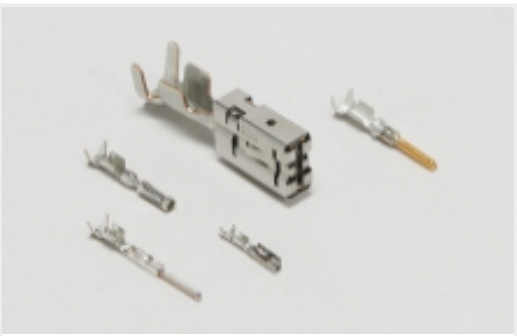
Automotive Connector Caps & Covers  
(19)



Automotive Headers(13)



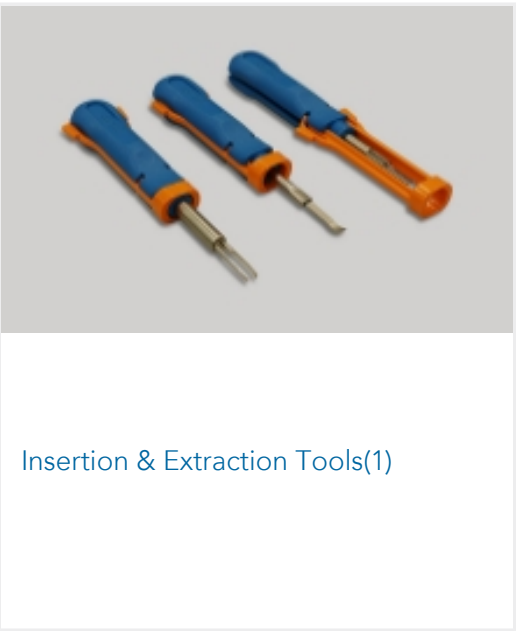
Automotive Housings(138)



Automotive Terminals(43)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(13)



Rectangular Power Connectors(2)



Wire-to-Board Headers & Receptacles (12)

Customers Also Bought



TE Part #2035334-1  
CONTACT,FEMALE0.64, 20 TO 22 A



TE Part #9-2141968-9  
46POS, MIXED,REC HSG,ASSY, SEALED



TE Part #182206-2  
MOD 2 TERMINAL



TE Part #1612683-1  
060/187 ABS 26POS PLUG ASSY



TE Part #2141969-1  
COVER, WITH LEVER,ASSY



TE Part #175090-1  
.187 SEALD REC CONT M



TE Part #900293-1  
ABS .060 REC CONTACT

Documents

Product Drawings

46POS, MIXED,REC HSG,ASSY,SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2141968-5\_B1.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141968-5\\_B1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2141968-5\\_B1.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English