



Connectors > Automotive Connectors > Connector Housings



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

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

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

Number of Positions: **7**

Centerline (Pitch): **11.4 mm [.449 in]**

Features

Product Type Features

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	7
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Electrical Characteristics

Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V

Body Features

Cable Exit Angle	Other
Body Material	PBT GF
Primary Product Color	Black



Contact Features

Mating Tab Width	1.5 mm[.059 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	No

Housing Features

Centerline (Pitch)	11.4 mm[.449 in]
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Dimensions

Product Width	44 mm[1.732 in]
Product Length	39.2 mm[1.546 in]
Product Height	39.26 mm[1.546 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67, IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	450
Packaging Method	Loose Piece

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
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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



TE Part # CAT-C4962-B128
CIRCULAR DIN BACKSHELLS



TE Part # CAT-C4962-CH8172
CIRCULAR DIN HOUSINGS



TE Part # 185792-1
180 DEG CAP FOR CORRUGTD TUBE



TE Part # CAT-R7602-T273
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part # 965687-1
FIXING RING

Also in the Series | Round Connector System



Automotive Connector Caps & Covers (5)



Automotive Housings(16)



Automotive Seals & Cavity Plugs(3)

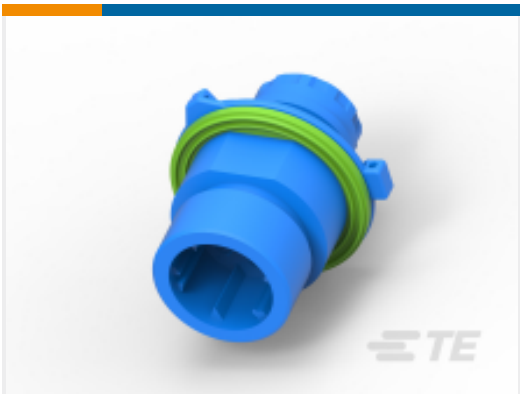


Automotive Terminals(77)



Insertion & Extraction Tools(9)

Customers Also Bought



TE Part #1-967325-1
CIRCULAR DIN HOUSINGS



TE Part #965783-1
CIRCULAR DIN BACKSHELLS



TE Part #1703014-1
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part #965687-1
FIXING RING

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718230-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1718230-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718230-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

English