TE Internal #: 3-967650-1

Housing for Female Terminals, Wire-to-Wire, 7 Position, Sealable, Green, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 – 120 °C [-40 – 248 °F]

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings











Connector System: Wire-to-Wire

Number of Positions: 7

Connector & Housing Type: Housing for Female Terminals

Sealable: Yes

Mating Pin Diameter: 1.5 mm [.059 in]

All Circular DIN Housings (64)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing
Configuration Features	
Number of Positions	7
Electrical Characteristics	
Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V



Cable Exit Angle	180°
Primary Product Color	Green
Connector & Keying Code	C
Contact Features	
Contact Size	1.5mm
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.059 in]
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PBT GF30
Dimensions	
Connector Height	32.8 mm[1.291 in]
Product Length	31 mm[1.22 in]
Usage Conditions	
Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Degree of Protection	IP69K
UL Flammability Rating	UL 94HB
Packaging Features	
Packaging Quantity	500
Packaging Method	Box
Other	
Serviceable	No



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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

















Customers Also Bought







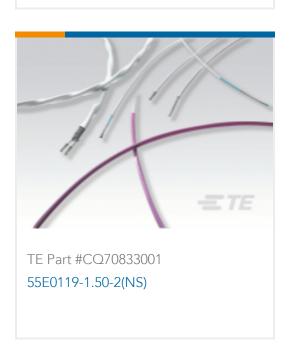












Documents

Product Drawings

1.5MM SOCKET CONNECTOR 7POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-967650-1_G_c-3-967650-1-g.2d_dxf.zip

Housing for Female Terminals, Wire-to-Wire, 7 Position, Sealable, Green, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 – 120 °C [-40 – 248 °F]



English

Customer View Model

ENG_CVM_CVM_3-967650-1_G_c-3-967650-1-g.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-967650-1_G_c-3-967650-1-g.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