

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]

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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
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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	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
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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
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Industry Standards

Degree of Protection	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Other

Serviceable	No
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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



TE Part # CAT-C4962-B128  
Circular DIN Backshells



TE Part # 185636-1  
PROTECT CAP 2.5MM PLUG



TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



TE Part # 3-1718230-1  
1,5MM PIN HSG 5-7 POS ASSY



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

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

TE Part # 828904-1  
SINGLE WIRE SEAL FOR J.P.T.CON

Customers Also Bought

TE Part #1-1564530-1  
15POS, MIXED,TAB HSG,ASSY

TE Part #1982295-1  
ELCON MINI 2P RA HEADER, W /CODING

TE Part #967650-1  
Circular DIN Housings

TE Part #929990-1  
1,5MM SOCK CONTACT

TE Part #YDT04-08PA-P027000  
REC, 8P, GRY, BUSBAR 2X4, GOLD, A

TE Part #2063524-1  
SDE MCP1.5 0.2-1.0mm2 ASSY

TE Part #2246068-2  
ELCON MINI 2P CABLE CONN, SHORT PULL-TAB

TE Part #0276653001  
55E0119-0.75-5(B01)

TE Part #CQ70833001  
55E0119-1.50-2(NS)

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



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

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Product Specifications

Application Specification

English