



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Number of Positions: 6

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

Mating Pin Diameter: 1.5 mm [ .059 in ]

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

Sealable: **Yes**

[All Circular DIN Housings \(59\)](#)

Features

Product Type Features

Connector Shape	Circular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	1
Number of Positions	6

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	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.5mm
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.059 in]
Contact Current Rating (Max)	30 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
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

Product Length	31 mm[1.22 in]
Connector Height	32.8 mm[1.291 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

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box
Packaging Quantity	500



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: 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 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-R7602-T273  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part # CAT-C4962-B128  
Circular DIN Backshells



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



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



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

TE Part # 185636-1  
PROTECT CAP 2.5MM PLUG

Customers Also Bought

TE Part #344267-1  
6 WAY REC. HSG. SIL. SEALECONO

TE Part #4-1564337-1  
16POS, MIXED,REC HSG,ASSY

TE Part #DT06-6S-E003  
PLG, 6P, GRY, N, CAP

TE Part #CAT-H3930-CH8172  
DEUTSCH HD30 Housings

TE Part #HDP24-24-23PN-L017  
REC, 23P, BLK, N, RNG, 16, P

TE Part #K1155494  
Emergency Stop Switch ES-2003-T111

TE Part #1-2141847-2  
CARRIER, RECEPTACLE HSG, 36POS, ASSY

TE Part #284360-1  
18 POS. FRAME ASSY FOR MQS CON

TE Part #282991-4  
20 P.070 NEW GENERATION ASSY C

Documents

Product Drawings  
1,5MM BU-STE KPL 6P  
English

CAD Files  
3D PDF  
3D

Customer View Model  
ENG\_CVM\_CVM\_967650-4\_G\_c-967650-4-g.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_967650-4\\_G\\_c-967650-4-g.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_967650-4\\_G\\_c-967650-4-g.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English