



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 \(64\)](#)

Features

Housing Features

Housing Material	PBT GF30
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Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Dimensions

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

Packaging Features

Packaging Method	Box
Packaging Quantity	500

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No



Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Other

Serviceable	No
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

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

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
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

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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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	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 # 185636-1  
PROTECT CAP 2.5MM PLUG



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



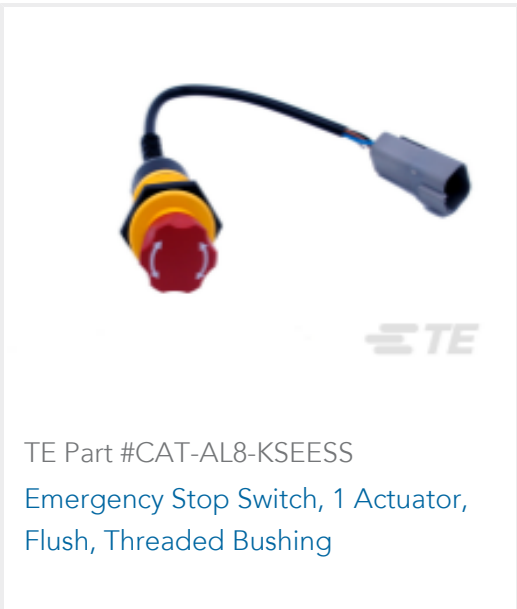
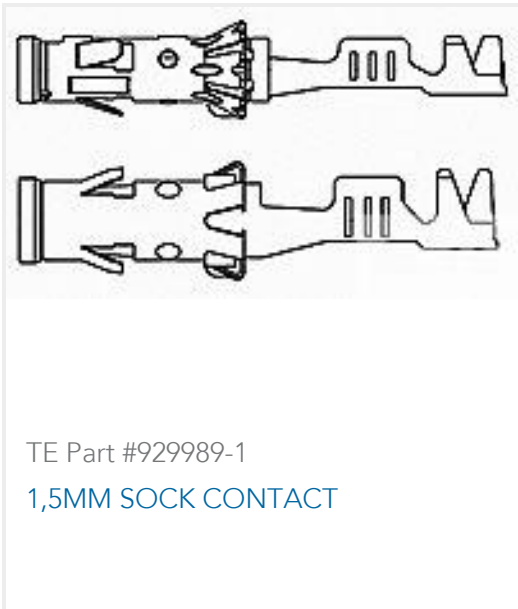
TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



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



Customers Also Bought



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