



TE Internal #: 967650-2

Housing for Female Terminals, Wire-to-Wire, 6 Position, Sealable, Black, 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: **6**

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

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
Mixed & Hybrid Connector	No
Connector Shape	Circular

Configuration Features

Number of Positions	6
Blank Cavity Position	7

Contact Features

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



Contact Size	1.5mm
Contact Type	Socket

Body Features

Primary Product Color	Black
Connector & Keying Code	A
Cable Exit Angle	90°, 180°

Operation/Application

Circuit Application	Power
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Electrical Characteristics

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

Other

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

Housing Features

Housing Material	PBT GF
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Dimensions

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

Industry Standards



IP Rating	IP69K, IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	500
Packaging Method	Box

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



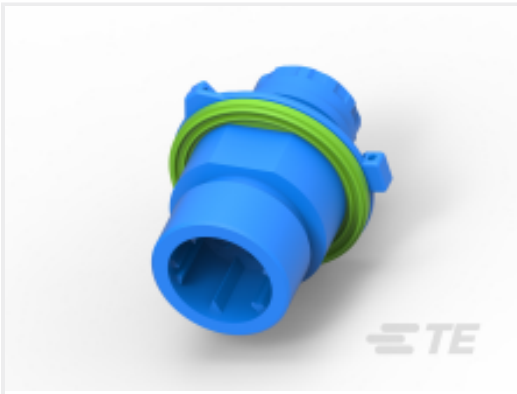
TE Part # CAT-C4962-B128
Circular DIN Backshells



TE Part # 185636-1
PROTECT CAP 2.5MM PLUG



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



TE Part # CAT-C4962-CH8172
Circular DIN Housings



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 #965687-1
FIXING RING



TE Part #1241406-1
AMP MCP 6.3/4.8K, CONTACT



TE Part #K1162831
Emergency Stop Switch, 1 Actuator, Flush, Threaded Bushing



TE Part #3-1579007-9
EXTRACTION TOOL



TE Part #1-1703963-1
16POS,AMP MCP1.5K,REC HSG,ASSY, SEALED



TE Part #5-179465-1
AMP POWER DBL LOCK CAP HSG 4P (GWT)



TE Part #1-2109258-8
MCON 1.2 CAVITY PLUG FOR 1.5MM



TE Part #2287390-4
SINGLE WIRE SEAL,4MM, ASSY



TE Part #RJ45-ECS
RJ45,ECS,12in

Documents



Product Drawings

1,5MM BU-STE KPL 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_967650-2_G_c-967650-2-g.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_967650-2_G_c-967650-2-g.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_967650-2_G_c-967650-2-g.3d_stp.zip

English

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Product Specifications

Application Specification

English