



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



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

Mating Pin Diameter: 1.5 mm [.059 in]

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

Number of Positions: 7

Centerline (Pitch): 11.4 mm [.449 in]

[All Circular DIN Housings \(51\)](#)

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Blank Cavity Position	6, 7
Number of Positions	7

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
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Connector & Keying Code	A
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Contact Features

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

Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PBT GF30
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Centerline (Pitch)	11.4 mm[.449 in]
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Dimensions

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

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Industry Standards

Degree of Protection	IP69K
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UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	500
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Packaging Method	Box
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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: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) 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

 <p>TE Part # 1718230-3 1,5MM PIN HSG 5-7 POS ASSY</p>	 <p>TE Part # CAT-C4962-B128 Circular DIN Backshells</p>	 <p>TE Part # 185636-1 PROTECT CAP 2.5MM PLUG</p>	 <p>TE Part # 185792-1 180 DEG CAP FOR CORRUGTD TUBE</p>
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TE Part # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI

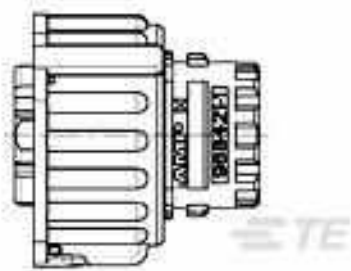


TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



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

Customers Also Bought



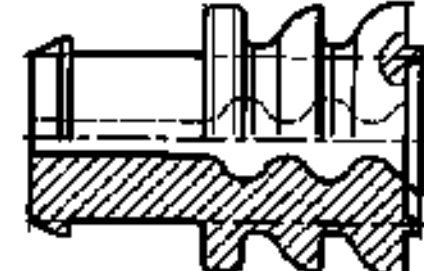
TE Part #967650-2
1,5MM BU-STE KPL 6P



TE Part #2-968322-1
20POS MQS REC COD B



TE Part #2-968859-3
AMP MCP 2.8, CONTACT SWS



TE Part #828985-1
RUBBER PLUG >2,5-4,0MM2



TE Part #1987374-4
AMPMODU II PIN HEADER SINGLE ROW



TE Part #2-2328752-4
TAB 2.8x0.8 CONTACT CF SWS Ag+



TE Part #2317680-1
PCON 21, TERMINAL, UNSLD, CB, 180DEG



TE Part #5-962886-3
MQS0,63 Ag tab LL EDS 0,2-0,5



TE Part #5-965908-3
MQS0,63 Ag tab LL EDS 0,5-0,75

TE Part #6-238011-9
BLOCK, CRIMPER SPACER

Documents

Product Drawings

[1,5MM BU-STE KPL 5P](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_967650-3_G_c-967650-3-g.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_967650-3_G_c-967650-3-g.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_967650-3_G_c-967650-3-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