



Connectors > Automotive Connectors > Connector Housings > CIRCULAR DIN HOUSINGS



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

Mating Pin Diameter: 2.5 mm [.098 in]

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

Number of Positions: 4

Centerline (Pitch): 7 mm [.276 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

Number of Positions	4
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Electrical Characteristics

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

Cable Exit Angle	180°
Body Material	Other



Primary Product Color	Black
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Connector Code	1
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Contact Features

Contact Size	2.5mm
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Contact Type	Socket
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Mating Pin Diameter	2.5 mm[.098 in]
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Mechanical Attachment

Mounting Feature	Without
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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

Centerline (Pitch)	7 mm[.276 in]
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Dimensions

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

[For compliance documentation, visit the product page on TE.com>](#)

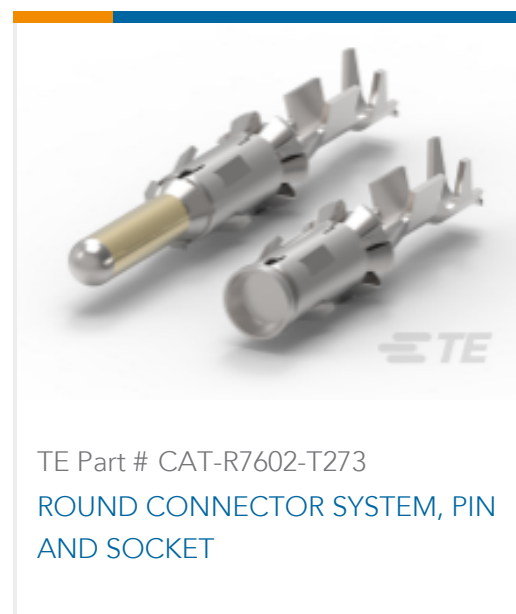
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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 # CAT-C4962-CH8172 CIRCULAR DIN HOUSINGS</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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Documents

Product Drawings

2,5MM BU-GEH 4P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-967325-1_E_c-1-967325-1-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967325-1_E_c-1-967325-1-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967325-1_E_c-1-967325-1-e.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

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