



TE Internal #: 1-967402-1

Housing for Male Terminals, Wire-to-Wire, 4 Position, .276 in [7 mm] Centerline, Sealable, Black, Panel Mount, -40 - 248 °F [-40 - 120 °C], Key 1

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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



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

Number of Positions: **4**

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

Centerline (Pitch): **7 mm [.276 in]**

Sealable: **Yes**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

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

Body Features



Cable Exit Angle	180°, 90°
Primary Product Color	Black
Connector & Keying Code	1

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	7 mm[.276 in]

Dimensions

Connector Height	39 mm[1.535 in]
Product Width	44 mm[1.732 in]
Product Length	39 mm[1.535 in]
Row-to-Row Spacing	6 mm[.236 in]

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]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

Industry Standards

Degree of Protection	IP67, IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	450
Packaging Method	Loose Piece



Other

Serviceable	Yes
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # CAT-C4962-CH8172
Circular DIN Housings



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



TE Part # 965687-1
FIXING RING



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

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

TE Part # 828920-1
EINZELADERDICHUNG

TE Part # 1-2349482-1
4 POS DIA 2.5 SOCKET CONNECTOR HSG

Customers Also Bought

TE Part # 965785-1
Circular DIN Backshells

TE Part # 1-967325-1
2,5MM BU-GEH 4P

TE Part # 965687-1
FIXING RING

TE Part # 929967-1
STIFTKONTAKT 2,5MMD

TE Part # 828920-1
EINZELADERDICHUNG

TE Part # 3-1803055-0
ANVIL, COMBINATION

TE Part # 3-644462-2
02P MTA156 CONN ASSY 20AWG LF

TE Part # 5-1490019-4
CRIMPER, WIRE

TE Part # 7-2151591-7
OCEAN_2.0_SPARE_PART_KIT-063F075F

Documents

Product Drawings
2,5MM ST-GEH KPL 4P
English

CAD Files
Customer View Model
ENG_CVM_1-967402-1_D2.3d_igs.zip
English
Customer View Model



[ENG_CVM_1-967402-1_D2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-967402-1_D2.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Product Specification

English