1-967402-1   ✓ ACTIVE

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

View on TE.com >

Connectors > Automotive Connectors > Connector Housings > CIRCULAR DIN HOUSINGS

Connector & Housing Type: **Housing for Male 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 & Housing Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
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

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Cable Exit Angle	180°, 90°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	1

Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	7 mm[.276 in]

Dimensions

Product Width	44 mm[1.732 in]
Product Length	39 mm[1.535 in]
Product Height	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

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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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
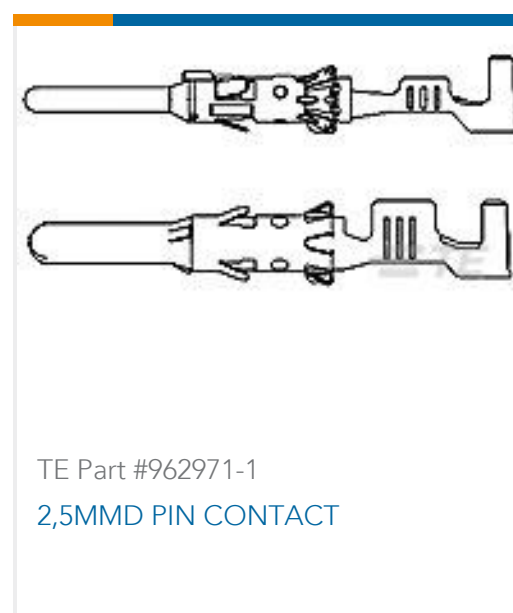

TE Part # 185792-1

180 DEG CAP FOR CORRUGTD TUBE

TE Part # 828920-1

EINZELADERDICHTUNG

TE Part # 828922-1

2,5MM CAVITY PLUG FOR 5,4MM DI

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TE Part # 965687-1
FIXING RING

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

TE Part # CAT-C4962-CH8172
CIRCULAR DIN HOUSINGS

Customers Also Bought

TE Part #1-1418883-1
62.POS.MIXED REC.HSG

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

TE Part #1-967402-2
CIRCULAR DIN HOUSINGS

TE Part #965784-1
connector ABDECKKAPPE 180GRD

TE Part #929975-1
ROUND CONNECTOR SYSTEM, PIN AND SOCKET

TE Part #SRK06-MDF-32A-001
PLG, 32P, BLK, E, F

TE Part #962971-1
2,5MMD PIN CONTACT

TE Part #927879-1
STD TIMER CONTACT

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English