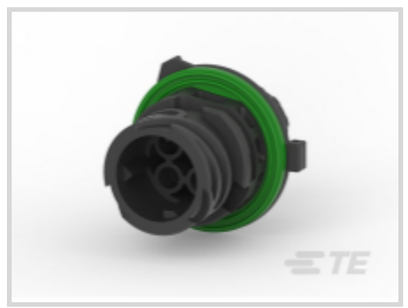
1-967402-1 ✔ ACTIVE

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 > 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

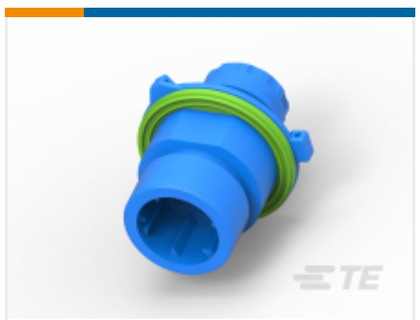
Product Compliance Disclaimer

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
EINZELADERDICHTUNG



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

Customers Also Bought



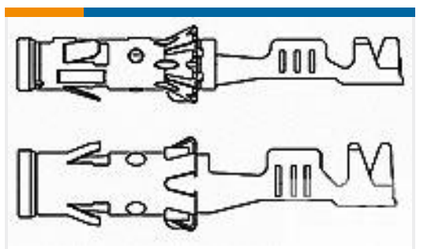
TE Part # 965576-1
Circular DIN Backshells



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



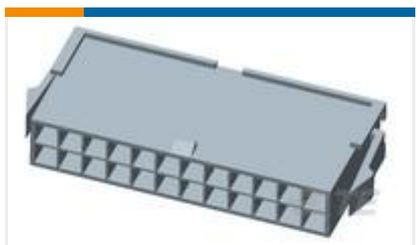
TE Part # 282762-2
JPT SPLASH-PROOF FEM.CONN2 POS



TE Part # 929975-1
BU-KONTAKT 2,5MMD



TE Part # 1217321-2
FF 110 REC 18-14AWG TPBR



TE Part # 2-1969599-2
22P PM PLUG VAL-U-LOK V2



TE Part # 2266615-1
OCEAN_2.0_Applicator-S-063F080O-RSM



TE Part # 9-1904105-7
V23074A2001A403-SZ-CBOX

TE Part # 2-2295763-1
MICRORELAY HOLDER ASSEMBLY

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

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Product Specification

English