



TE Internal #: 1-967402-2
Housing for Male Terminals, Wire-to-Wire, 3 Position, .276 in [7 mm] Centerline, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)
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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector System: **Wire-to-Wire**
Number of Positions: **3**
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 |
| Connector & Contact Terminates To | Wire & Cable |
| Primary Locking Feature | Integrated in Housing |

Configuration Features

| | |
|-----------------------|---|
| Blank Cavity Position | 4 |
| Number of Positions | 3 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|------------------------------|------------------------|
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 48 V |
|------------------------------|------------------------|



Body Features

| | |
|-------------------------|-------|
| Cable Exit Angle | 180° |
| 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 | Without |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

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

Dimensions

| | |
|--------------------|----------------|
| Connector Height | 28 mm[1.1 in] |
| Product Length | 44 mm[1.73 in] |
| Row-to-Row Spacing | 7 mm[.276 in] |

Usage Conditions

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|-----------------------------|----------------------------|
| Operating Temperature (Max) | 120 °C[248 °F] |
| Operating Temperature Range | -40 - 120 °C[-40 - 248 °F] |

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|------------------------|---------|
| Degree of Protection | IP69K |
| UL Flammability Rating | UL 94HB |

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 450 |
| Packaging Method | Box |



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: JUNE 2023 (235) 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 # 1-2349482-2
3 POS DIA 2.5 SOCKET CONNECTOR HSG

Customers Also Bought

TE Part # DTMH04-4PA
REC, 4P, BLK, N, HI TEMP, A

TE Part # 1-968968-2
2,5MM BU-GEH ASSY3P

TE Part # 881775-1
KIT ECONOSEAL J O P

TE Part # 965784-1
connector ABDECKKAPPE 180GRD

TE Part # 929967-1
STIFTKONTAKT 2,5MMD

TE Part # 1924292-5
6POS, MCON 1.2 CB REC 2p TL SEALED

TE Part # 828920-1
EINZELADERDICHTUNG

TE Part # 2356631-1
4POS,MCON 1.2,TAB HSG ASSY,SLD, COD A

TE Part # 1-1624247-4
RSS5 220R 5% REEL

TE Part # 361511-6
DWP-125-1/2-0-STK

Documents

Product Drawings

2,5MM ST-GEH KPL 3P

English

CAD Files

Customer View Model

ENG_CVM_1-967402-2_D2.3d_igs.zip

English

Customer View Model



[ENG_CVM_1-967402-2_D2.3d_stp.zip](#)

English

Customer View Model

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

English

3D PDF

English

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Product Specification

English