



TE Internal #: 1-967402-2

3 Position Housing, Housing for Male Terminals, Wire-to-Wire, 7 mm [.276 in] Centerline, Sealable, Black, Wire & Cable, Power

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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Number of Positions: 3

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

Mating Pin Diameter: 2.5 mm [.098 in ]

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

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

[All Circular DIN Housings \(64\)](#)

Features

Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Dimensions

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

Packaging Features

Packaging Quantity	450
Packaging Method	Box

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed



Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

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

Housing Features

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

Contact Features

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

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Electrical Characteristics

Nominal Voltage Architecture	24 V, 42 V, 48 V, 12 V
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Usage Conditions

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

Operation/Application

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-CH8172  
Circular DIN Housings



TE Part # 828920-1  
EINZELADERDICHTUNG



TE Part # 965687-1  
FIXING RING



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



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



TE Part # CAT-C4962-B128  
Circular DIN Backshells



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



TE Part # 1-2349482-2  
3 POS DIA 2.5 SOCKET CONNECTOR HSG

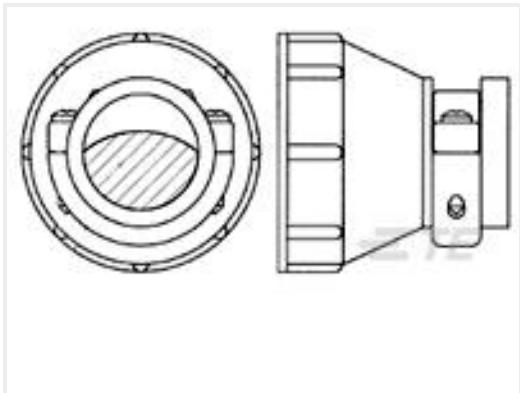
Customers Also Bought



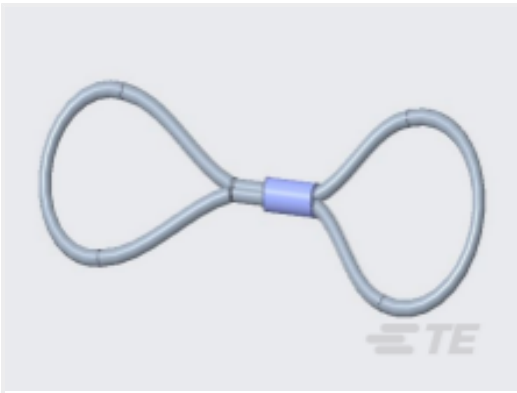
TE Part #CAT-H396-CH8172  
DEUTSCH HDP20 Housings



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



TE Part #182661-1  
CPC Cable Clamp Kit, Size 17, Large, UV



TE Part #JDL082397  
RUBBER LANYARD



TE Part #HD10-9-96P-B009  
REC, 9P, GRY, N, NO KEY, FLANGE, 16



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



TE Part #828920-1  
EINZELADERDICHTUNG



TE Part #1-1904045-2  
V23333Z1001A008-EV-100

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

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

**Datasheets & Catalog Pages**

**TERMINALS AND CONNECTORS**

English

**CONNECTOR SELECTOR**

English

**Product Specifications**

**Application Specification**

English