1-968968-1 ✔ ACTIVE

TE Internal #: 1-968968-1

Housing for Female Terminals, Wire-to-Wire, 4 Position, .276 in [7 mm] Centerline, Sealable, Black, Cable Mount (Free-Hanging)

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 Female 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 Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	4

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	Socket
Mating Pin Diameter	2.5 mm[.098 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	7 mm[.276 in]

Dimensions

Connector Height	32.9 mm[1.295 in]
Product Length	31 mm[1.22 in]
Row-to-Row Spacing	7 mm[.276 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	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Other

Serviceable	No

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

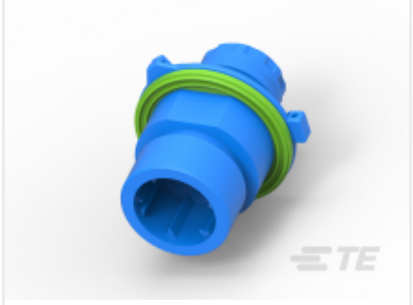
Compatible Parts



TE Part # CAT-C4962-B128
Circular DIN Backshells



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



TE Part # CAT-C4962-CH8172
Circular DIN Housings



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



TE Part # 185636-1
PROTECT CAP 2.5MM PLUG



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

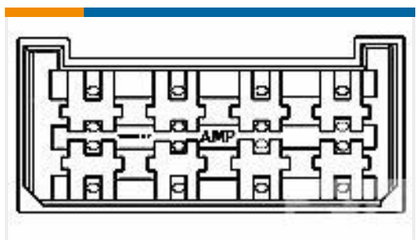


TE Part # 828920-1
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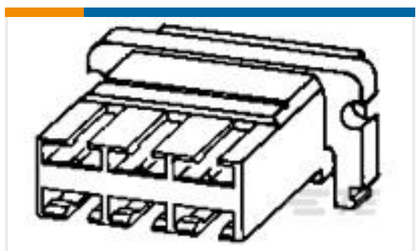
Customers Also Bought



TE Part # 1-1670214-1
7POS, MIXED,TAB HSG,ASSY,CODA



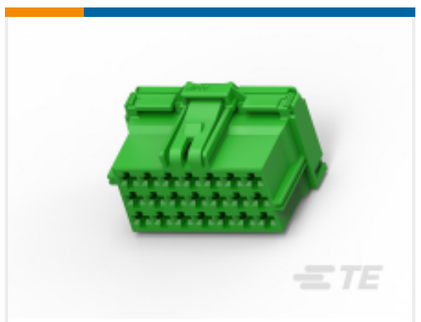
TE Part # 280099
FF 250 TAB HSG 8P NYLON CLEAR



TE Part # 962496
FF 250 TAB HSG 1P NYLON CLEAR



TE Part # 1670057-1
COVER MIXED,90,CODA



TE Part # 1355289-2
AMP MCP Unsealed Connector Housings



TE Part # 1-968875-3
AMP MCP 2.8, CONTACT SWS (LP)



TE Part # 1394052-1
VERSCHL-KAP21P,DICH



TE Part # 2388170-2
4POS,AMP MCP 6.3/4.8K,REC HSG, UNSLD

Documents

Product Drawings

2,5MM BU-GEH ASSY4P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-968968-1_C_c-1-968968-1-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-968968-1_C_c-1-968968-1-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-968968-1_C_c-1-968968-1-c.3d_stp.zip

English

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

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English