1-967402-3 ✔ ACTIVE

TE Internal #: 1-967402-3

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 7 mm [.276 in] Centerline, Sealable, Black, Wire & Cable, Power

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Automotive Parts > Automotive Connectors > Automotive Housings > Circular DIN Housings







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All Circular DIN Housings (59)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 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

Strain Relief	Without
Terminal Position Assurance	No
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

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 185792-1
180 DEG CAP FOR CORRUGTD TUBE



TE Part # CAT-C4962-B128
Circular DIN Backshells



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



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



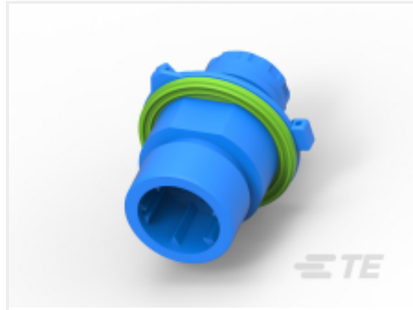
TE Part # 965687-1
FIXING RING



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



TE Part # 828920-1
EINZELADERDICHTUNG



TE Part # CAT-C4962-CH8172
Circular DIN Housings

Customers Also Bought



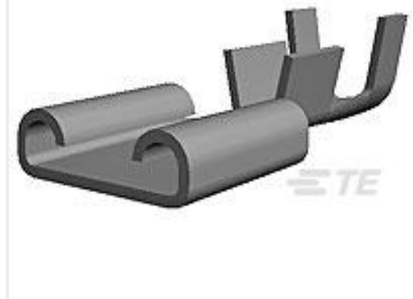
TE Part #K1164141
Plunger Switch KIT-Set 44-01-062-900



TE Part #TAD14747101-002
M12D4-MS-MS-FRNC TYPE B GREEN-1.0M



TE Part #TCD14745101-002
M12D4-MS-RJ-PUR-22SH-TYPE C GREEN-1.0M



TE Part #5-160465-1
250 FASTON REC 18-16 AWG BR



TE Part #180451
FF 250 REC HSG 7P NYLON



TE Part #4-745130-0
SHLDING FERRULE,PLTD,BULK PKG



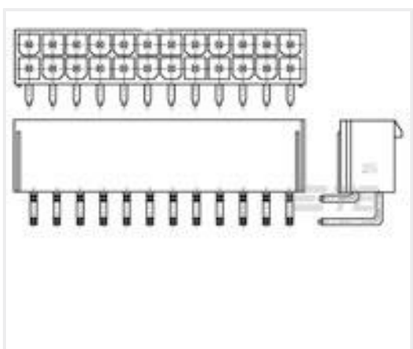
TE Part #1-962344-1
2P FLACHSTCK-GEH2,8



TE Part #1-967402-2
2,5MM ST-GEH KPL 3P



TE Part #3-1394766-1
2.8FLA-STE-GEH 2X9P



TE Part #1586863-6
6P VAL-U-LOK R/A HDR GW

Documents

Product Drawings

2,5MM ST-GEH KPL 2P

English

CAD Files

Customer View Model

ENG_CVM_1-967402-3_D2.3d_igs.zip

English

Customer View Model

ENG_CVM_1-967402-3_D2.3d_stp.zip

English

Customer View Model

ENG_CVM_1-967402-3_D2.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English