



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Number of Positions: 3

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

Mating Pin Diameter: 2.5 mm [.098 in]

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

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

[All Circular DIN Housings \(59\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female 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

Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V



Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

Contact Size	2.5mm
Contact Type	Socket
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 GF30
Centerline (Pitch)	7 mm[.276 in]

Dimensions

Product Length	31 mm[1.22 in]
Connector Height	32.8 mm[1.291 in]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box
Packaging Quantity	500

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 185792-1  
180 DEG CAP FOR CORRUGTD TUBE



TE Part # CAT-C4962-B128  
Circular DIN Backshells



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



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



TE Part # CAT-C4962-CH8172  
Circular DIN Housings



TE Part # 185636-1  
PROTECT CAP 2.5MM PLUG



TE Part # 828920-1  
EINZELADERDICHTUNG

Customers Also Bought



TE Part #5-1718323-1  
2.8MM TAB HSG, 39POS, ASSY



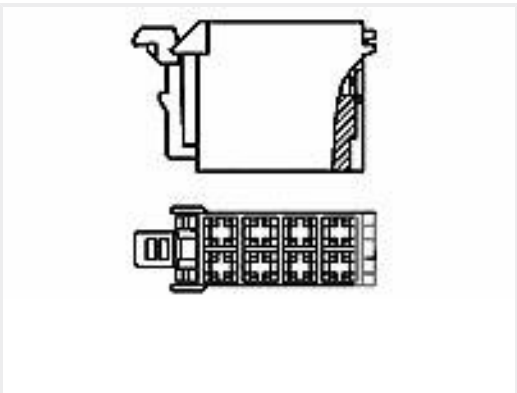
TE Part #1-1718485-4  
CARRIER FOR RECEPT INSERTS 36 POS



TE Part #1-1438608-1  
2POS MQS REC SEALED COD A



TE Part #1011-258-0205  
BKSHL, 2P, BLK, REC, RA, SR, NW6/7.5 /8.5/10



TE Part #963121-1  
JUNIOR TIMMER HOUSING 8POS, AS



TE Part #K1146991  
Rotary Switch DS-133-BL12 900




TE Part #776728-1  
48P Hybrid Plug Assy, A Key, Open



TE Part #K1147744  
Battery Disconnecter 35-223-100-R-901



TE Part #K1060586  
Switch lever 90DEG 35-200-014



TE Part #966174-2  
ABS EINSATZ KPL 7P

Documents

Product Drawings  
2,5MM BU-GEH 3P,GR  
English

CAD Files  
3D PDF  
3D

Customer View Model  
ENG\_CVM\_CVM\_2-967325-2\_D\_c-2-967325-2-d.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-967325-2\\_D\\_c-2-967325-2-d.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-967325-2\\_D\\_c-2-967325-2-d.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English