



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



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

Number of Positions: **31**

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

Sealable: **No**

Mating Pin Diameter: **1.5 mm, 2.5 mm [ .059 in, .098 in ]**

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

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Circular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	31
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Electrical Characteristics

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

Body Features

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

Contact Features

Contact Size	1.5mm, 2.5mm
Contact Type	Pin
Mating Pin Diameter	1.5 mm, 2.5 mm[.059 in][.098 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
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Dimensions

Connector Height	65 mm[2.56 in]
Product Length	63.3 mm[2.49 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	IP67, IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	100
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: 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-R7602-T273  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part # CAT-C4962-B128  
Circular DIN Backshells



TE Part # 1394081-1  
1,5/2,5MM BU-GEH31P

Customers Also Bought



TE Part # DT04-12PA-P026  
DEUTSCH DT Receptacle Connectors

TE Part # 284703-1  
2POS MQS REC SEALED COD A

TE Part # 2-1823402-1  
29POS, MIXED, REC HSG, ASSY, SEALED

TE Part # HDP24-24-21PE-L015  
REC, 21P, BLK, E, THD, 12/16, P

TE Part # 6984484001  
CGPT-12.7/6.4-2-FSP

TE Part # DTP06-2S-CE09  
PLG, 2P, BLK, E, XCAP

TE Part # 456405-3  
CRIMPER WIRE .080 F

TE Part # 7-2266256-1  
OCEAN-2.0-APPLICATOR-S-071F096F

TE Part # 2133258-1  
SUPPORT , FRAME ASSY MCP

Documents

Product Drawings

1,5MM /2.5MM PIN HSG 31POS

German

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1718232-1\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1718232-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1718232-1\_A.3d\_stp.zip

English

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

Product Specifications

1718232-1

Housing for Male Terminals, Wire-to-Wire, 31 Position, Black, Panel Mount, -40 - 248 °  
F [-40 - 120 °C], Key 1



Application Specification

German