



TE Internal #: 1718232-1
Housing for Male Terminals, Wire-to-Wire, 31 Position, 5 mm [.197 in] Centerline, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)
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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector System: **Wire-to-Wire**
Number of Positions: **31**
Connector & Housing Type: **Housing for Male Terminals**
Centerline (Pitch): **5 mm [.197 in]**
Sealable: **No**

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

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
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	31
Number of Rows	6

Electrical Characteristics

Operating Voltage	24 VDC
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Body Features



Cable Exit Angle	180°
Primary Product Color	Black

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	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	5 mm[.197 in]

Dimensions

	2.5 in
Product Width	65.8 mm[2.59 in]
Product Length	65.8 mm[2.59 in]
Row-to-Row Spacing	5.5 mm[.217 in]

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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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: 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 # 1394081-1
1,5/2,5MM BU-GEH31P



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



TE Part # CAT-C4962-B128
Circular DIN Backshells

Customers Also Bought



TE Part #3-1419104-3
T9ASSD22-12

TE Part #324615
TERMINAL,PIDG R 12-10 5/8

TE Part #1379102-1
MQS, CONNECTOR HOUSING

TE Part #4-1437284-3
CVTY PLUG,SUPERSEAL,CVTY DIA,2.4

TE Part #5-826947-0
MOD2 PIN HEADER 50P

TE Part #965784-1
connector ABDECKKAPPE 180GRD

TE Part #3-1447221-4
S/S REC CONTACT ASSY, AU, 0.5

TE Part #828985-1
RUBBER PLUG >2,5-4,0MM2

TE Part #206404-1
CPC RECPT ASSEMBLY SIZE 17-16

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

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Product Specifications



Application Specification

German