TE Internal #: 1718230-3

Housing for Male Terminals, Wire-to-Wire, 5 Position, Sealable,

Black, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 – 120

°C [-40 – 248 °F]

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings











Connector System: Wire-to-Wire

Number of Positions: 5

Connector & Housing Type: Housing for Male Terminals

Sealable: Yes

Mating Pin Diameter: 1.5 mm [.059 in]

All Circular DIN Housings (64)

## **Features**

## **Product Type Features**

**Electrical Characteristics** 

Operating Voltage

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing
Configuration Features	
Blank Cavity Position	6, 7

48 VDC



## **Body Features**

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

### **Contact Features**

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

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

## **Housing Features**

Housing Material	PBT GF	
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#### **Dimensions**

Product Width	44 mm[1.732 in]
Product Length	36.5 mm[1.437 in]

# Usage Conditions

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

# Operation/Application

# **Industry Standards**

Degree of Protection	IP67, 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 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**

















# Customers Also Bought



TE Part #1670720-2 SLIDE,TAB HSG GROUP C



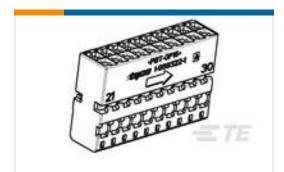
TE Part #DT06-2S-FP02
PLG, 2P, BLK, N, FLOURO SEAL RET,
CAP



TE Part #1-1564532-1 15POS, MIXED,TAB HSG,ASSY



TE Part #W2SB
WEDGE LOCK, 2P, PLG, BLK, STD,
DT, B



TE Part #2-968322-1 20POS MQS REC COD B



TE Part #1028-011-0605 BKSHL, 6P, BLK, PLG, ST, NW 10/13



TE Part #K1143392 Battery Disconnector 35-411-120-R



TE Part #DT04-3P-CL03 REC, 3P, GRY, E, FLANGE



## **Documents**

Product Drawings

1,5MM PIN HSG 5-7 POS ASSY

English

**CAD Files** 

3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_1718230-3\_A.2d\_dxf.zip

Housing for Male Terminals, Wire-to-Wire, 5 Position, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 – 120 °C [-40 – 248 °F]



English

**Customer View Model** 

ENG\_CVM\_CVM\_1718230-3\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1718230-3\_A.3d\_stp.zip

English

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

**Product Specifications** 

**Application Specification** 

English