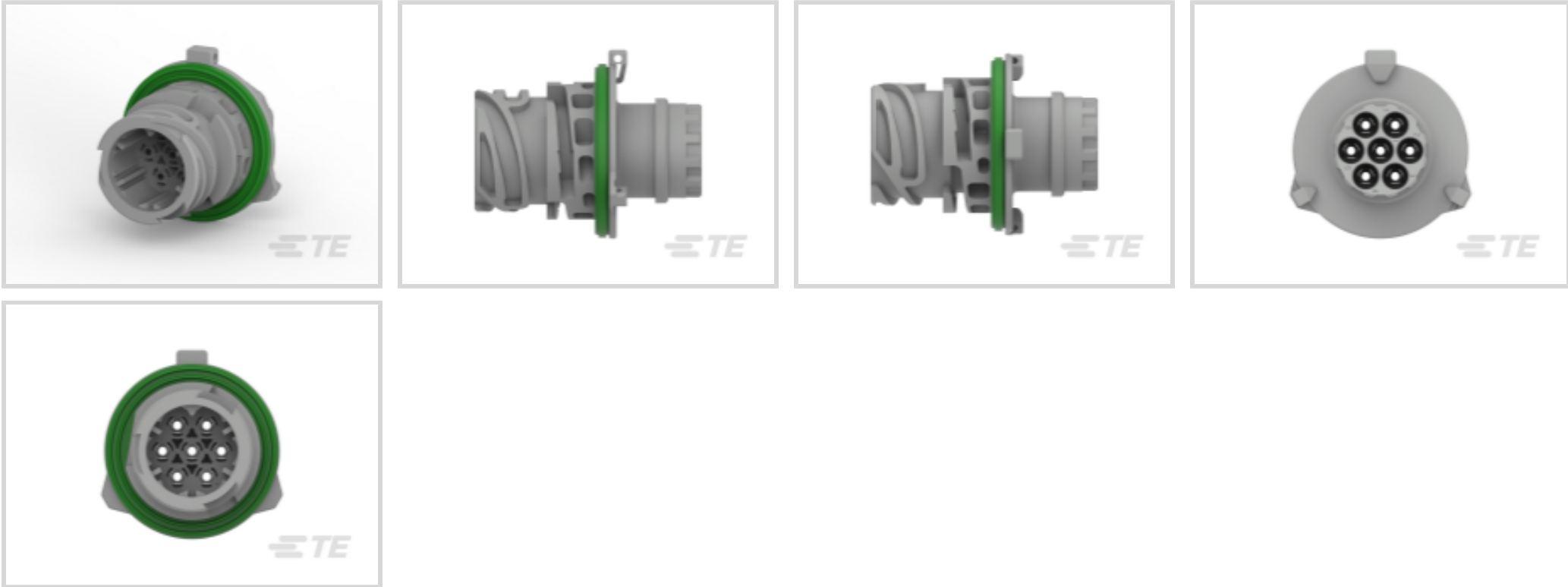




TE Internal #: 2-1718230-1  
Housing for Male Terminals, Wire-to-Wire, 7 Position, Sealable,  
Gray, Wire & Cable, Power, Cable Mount (Free-Hanging), -40 – 120 °  
C [-40 – 248 °F]  
[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **7**  
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

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

Number of Positions	7
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Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
Connector & Keying Code	B
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
Dimensions	
Connector Height	28 mm[1.1 in]
Product Length	44 mm[1.73 in]
Usage Conditions	
Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Degree of Protection	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



TE Part # CAT-C4962-B128  
Circular DIN Backshells



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



TE Part # 965687-1  
FIXING RING



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



TE Part # 2-967650-1  
1.5MM BU-STE KPL 7P

TE Part # 185792-1  
180 DEG CAP FOR CORRUGTD TUBE

TE Part # 828904-1  
SINGLE WIRE SEAL FOR J.P.T.CON

Customers Also Bought

TE Part #7-968971-1  
AMP MCP 2.8 HSG 9 POS. 2.LOCKI

TE Part #965082-1  
2X 2P LOCK-CLIP GEH

TE Part #1-967650-1  
1,5MM BU-STE,BL 7P

TE Part #66741-7  
TYPE XII FEMALE CONT (STRIP)

TE Part #EG41010001  
ES-CAP-NO.1-C1-0-50MM

TE Part #1452842-3  
22 POS FEMALE HSG ASSY

TE Part #1-1241137-1  
TAB HOUSING ASSY 4P

TE Part #1411561-2  
ELOSTD M5400Y50

TE Part #2344189-3  
TYPE 2,CHARGE INLET CARRIER ASSY

TE Part #C616253001  
55E0219-0.75-9(B01)

Documents

Product Drawings

1,5MM PIN HSG 5-7 POS ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1718230-1\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1718230-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1718230-1\\_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