1718230-2 ✔ ACTIVE

TE Internal #: 1718230-2

12 V / 24 V / 48 V, 6 Position, Automotive Housing for Male Terminals, Wire-to-Wire, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > Circular DIN Housings







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **6**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All Circular DIN Housings (59)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	7
Number of Positions	6

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V

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

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 GF

Dimensions

Product Length	44 mm[1.73 in]
Connector Height	28 mm[1.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box
Packaging Quantity	450

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1418918-1
MULTI CORE CABLE ADAPTER 90 DEGREE



TE Part # 965687-1
FIXING RING



TE Part # 965784-1
connector ABDECKKAPPE 180GRD



TE Part # 965786-1
ABDECKKAPPE 180GRD



TE Part # 1534789-1
ADAPTER 90DEG 4/7POS



TE Part # CAT-C4962-B128
Circular DIN Backshells



TE Part # 1418919-1
MULTI CORE CABLE ADAPTER 90 DEGREE



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



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



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



TE Part # 965576-1
ABDECKKAPPE 90GRD



TE Part # 965783-1
ABDECKKAPPE 90GRD



TE Part # 965785-1
ABDECKKAPPE 180GRD



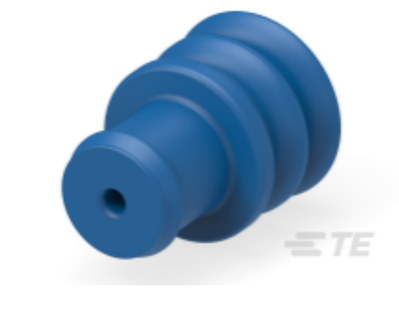
TE Part # 1418916-1
MULTI CORE CABLE APAPTER 180 DEGREE



TE Part # 1534791-1
ADAPTER 180DEG 4/7POS



TE Part # 967650-2
1,5MM BU-STE KPL 6P



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

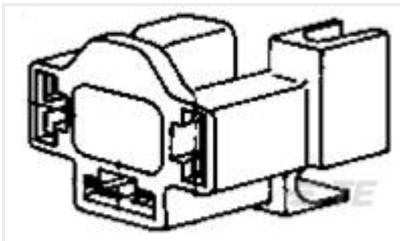
Customers Also Bought



TE Part #36951
SPLICE,SOLIS PARA 4/0



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #626213-2
3 CIR FASTIN-ON RECP HSG PRETO



TE Part #735222-1
FF 250 REC 1.0-2.5 MM2 0.32X19.30 BR



TE Part #1241608-1
MQS1,5 Sn rec CB unseal. 0,75-1,5



TE Part #1379102-1
18POS MQS REC



TE Part #1418850-1
MCON 1.2 CB REC SWS SN



TE Part #1718329-1
ADAPTER FOR TAB HSG 39 POS,62P



TE Part #1445994-1
120A HSG SUBASY,GRAY

Documents

Product Drawings

1,5MM PIN HSG 5-7 POS ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718230-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1718230-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718230-2_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