1718230-2 ✔ ACTIVE

TE Internal #: 1718230-2

Housing for Male Terminals, Wire-to-Wire, 6 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: **6**

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

Blank Cavity Position	7
Number of Positions	6

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 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

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



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 # 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 #770003-3
UMNL II PIN PTPPHBZ



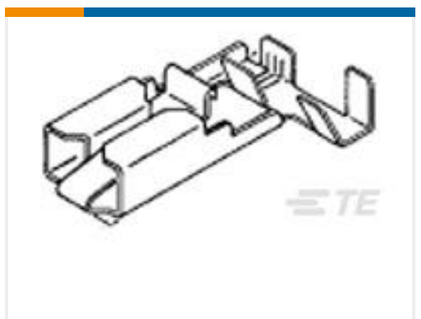
TE Part #1743064-2
MT-2/JPT SLD 36P PLUG COVER BK



TE Part #2822365-2
EJ-2 DBL LOCK PLUG 2P ASSY D GRAY



TE Part #936429-2
HYBRID 42P CAP ASSY BLK



TE Part #926820-5
PL 250 REC TERMINAL-FLAG 20-15 AWG BR



TE Part #1897421-2
SEALING PLUG CONTACT DUMMY (MQS)



TE Part #2050049-2
3POS 2.8MM SENSOR PLUG ASSY



TE Part #2345390-2
3POS,AMP MCP 2.8,REC HSG ASSY, SLD,COD 2



TE Part #1-968037-4
SPT A REC 6.3 Contact SWS Au

TE Part #2050216-6
RING TONGUE TRMNL,M4 ASSY

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

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Product Specifications

Application Specification

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SBCHE154R7K 936348-1 CRGCQ2010J3K3 3430B2F51RTDF 1-962915-1 141991-2 1903112-2 650075-000 CPF0402B37K4E1 ROX05SJ18R SBCHE64R7K TE50BR39J 1-794222-0 2-292161-3 3-1393225-0 917696-1 SMW73R0JT 1743455-2 2005330-1 2310537-1 2380312-2 3631B101LL MPT100C18RF 1969656-1 RH73H2A40MKTN 2834055-1 2377783-2 U5254-000005-030PA 1393431-1 175977-2