1718230-3 ✔ ACTIVE

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

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
Number of Positions	5

Electrical Characteristics

Operating Voltage	48 VDC
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

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

Circuit Application	Power

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



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 # 967650-3
1,5MM BU-STE KPL 5P



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 #1670720-2
SLIDE,TAB HSG GROUP C



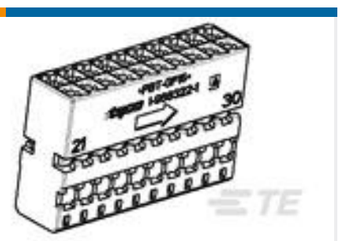
TE Part #DT06-2S-FP02
PLG, 2P, BLK, N, FLOURO SEAL RET, CAP



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

TE Part #AEC17-40PA
HDR, 40P, BLK, RA, 16, SN/NI/CU, A

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

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

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Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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