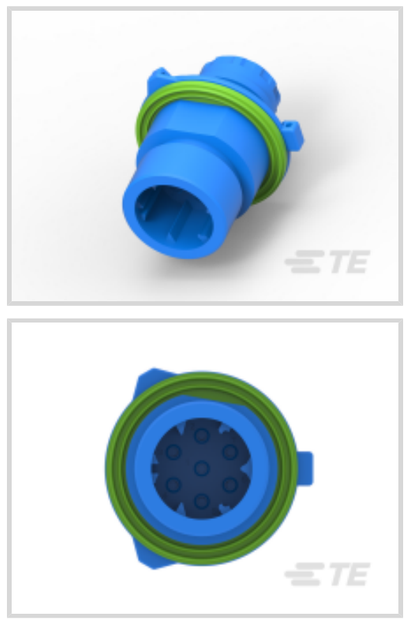
1-1718230-1 ✔ ACTIVE

TE Internal #: 1-1718230-1

Housing for Male Terminals, Wire-to-Wire, 7 Position, Sealable, Blue, 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

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
Mixed & Hybrid Connector	No
Connector Shape	Circular

Configuration Features

Number of Positions	7

Contact Features

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

Body Features

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

Operation/Application

Circuit Application	Power

Mechanical Attachment

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

Usage Conditions

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

Electrical Characteristics

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

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Housing Features

Housing Material	PBT GF

Dimensions

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

Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box
Packaging Quantity	450

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 # CAT-C4962-CH8172
Circular DIN Housings



TE Part # 965687-1
FIXING RING



TE Part # 185636-1
PROTECT CAP 2.5MM PLUG



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



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

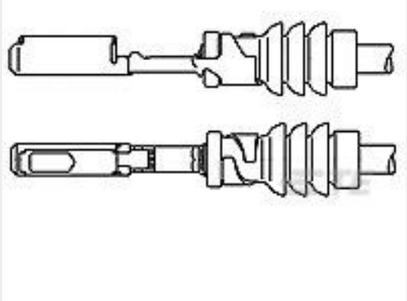
Customers Also Bought



TE Part #1-962692-2
18POS MQS TAB COD C-F



TE Part #1456987-3
2x4 Fem unsealed LP assy Key C



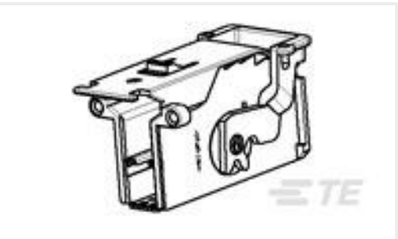
TE Part #1703032-1
MQS0,63 Sn rec CB EDS 0,5-0,75



TE Part #1718350-1
MCON 1.2 CB TAB STC SN



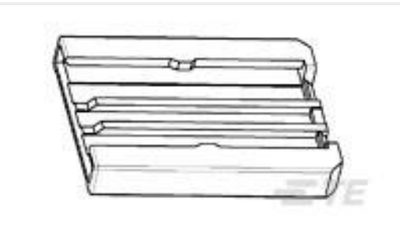
TE Part #2005372-2
MT-II SLD 6P PLUG ASSY(A) BLK



TE Part #1534222-1
MQS COVER 2X16P



TE Part #1-962693-1
MQS COVER 18POS



TE Part #1420001-1
MQS VERSCHL.PLATTE



TE Part #2035360-1
1X4 GENERATION Y ASSY KEY A



TE Part #2-1437712-2
MP1NA-1008XX=CONN. 8W FEMA BLK

Documents

Product Drawings

1,5MM PIN HSG 5-7 POS ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718230-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1718230-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1718230-1_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