DTSK06-1-08SB ✔ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTHD, DEUTSCH DTSK

TE Internal #: DTSK06-1-08SB

12 V / 24 V, 1 Position, Automotive Housing for Female Terminals, Wire-to-Wire, Sealable, Black, Wire & Cable, Power, Hybrid

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Automotive Parts > Automotive Connectors > Automotive Housings







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

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

Number of Positions: **1**

Sealable: **Yes**

Operating Temperature Range: **-55 – 125 °C [-67 – 257 °F]**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	B

Contact Features

Contact Size	Size 8
Contact Type	Socket
Mating Pin Diameter	8 mm[.315 in]
Contact Current Rating (Max)	150 A

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF

Dimensions

Compatible Insulation Diameter Range	8.17 – 9.66 mm, 9.49 – 10.52 mm, 10.59 – 11.59 mm[.322 – .38 in][.374 – .414 in][.417 – .456 in]
Product Width	39.6 mm[1.559 in]
Product Length	36.49 mm[1.437 in]
Connector Height	32.5 mm[1.28 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP68, IP6K9K
UL Flammability Rating	Not Tested

Packaging Features

Packaging Quantity	150
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	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 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

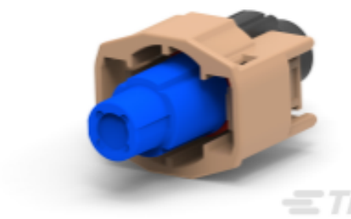
Compatible Parts



TE Part # 2289243-1
WS-35-001, SEAL, GRN, 10.59-11.59, DTSK



TE Part # 2289241-1
WS-25-001, SEAL, BLU, 8.17-9.66, DTSK



TE Part # DTSK06-1-08SC
PLUG, INLINE, KEY C



TE Part # SRK-SC-080-32-601
SOC, SOLID, SIZE M8, 32mm2, AG



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # DTSK06-1-08SA
PLUG, INLINE, KEY A



TE Part # 2289242-1
WS-32-001, SEAL, RED, 9.49-10.52, DTSK



TE Part # DTSK04-1-08PB
RECEPTACLE, INLINE, KEY B



TE Part # DTSK04-1-08PA
RECEPTACLE, INLINE, KEY A



TE Part # SRK-SC-080-35-601
SOC, SOLID, SIZE M8, 35mm2, AG



TE Part # SRK-SC-080-25-601
SOC, SOLID, SIZE M8, 25mm2, AG

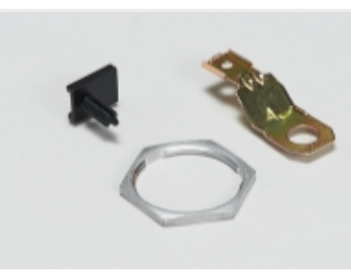
Also in the Series | DEUTSCH DTSK



Automotive Housings(27)



Automotive Seals & Cavity Plugs(18)



Other Automotive Connector Accessories(1)

Also in the Series | DEUTSCH DT



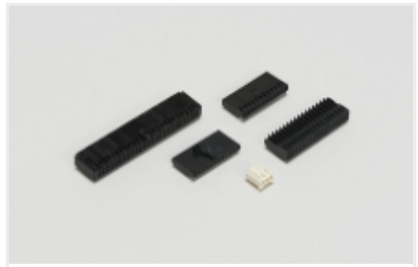
Automotive Connector Caps & Covers (19)



Circular Connector Backshells & Clamps(2)

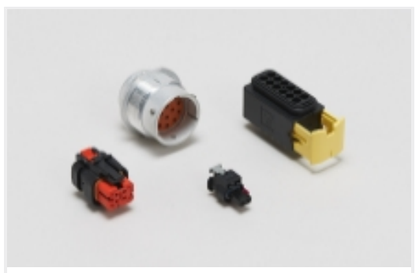


Rectangular Connector Housings(1)

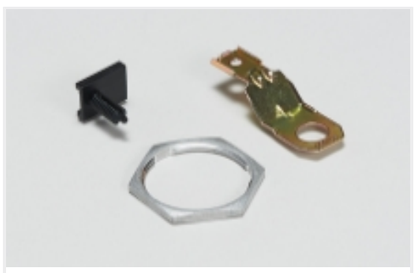


Wire-to-Board Connector Assemblies & Housings(1)

Also in the Series | DEUTSCH DTHD

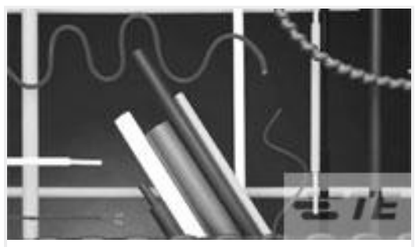


Automotive Housings(27)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #1707634001
CGPT-9.5/4.8-45-SP



TE Part #DTSK04-1-08PB
RECEPTACLE, INLINE, KEY B



TE Part #DTSK04-1-08PA
RECEPTACLE, INLINE, KEY A



TE Part #HD34-18-14SN-059
REC,14P,AL,N, CBL CLMP BT, DRAIN, 16,S,MC



TE Part #DTSK06-1-08SA
PLUG, INLINE, KEY A



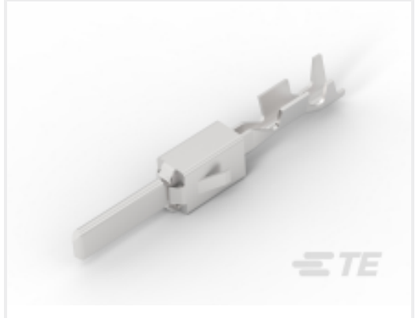
TE Part #SRK-PC-080-25-601
PIN, SOLID, SIZE M8, 25mm2, AG



TE Part #SRK-SC-080-25-601
SOC, SOLID, SIZE M8, 25mm2, AG



TE Part #1-1564542-1
2POS,AMP MCP6.3/4.8K,REC HSG,A



TE Part #1-963745-2
SPECIAL TERMINAL 20-17 AWG SLIPB LP



TE Part #2-1103002-3
HD.7.STI.C-1,5 QMM

Documents

Product Drawings

PLUG, INLINE, KEY B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTSK06-1-08SB_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTSK06-1-08SB_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTSK06-1-08SB_C.3d_stp.zip

English

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Datasheets & Catalog Pages

DEUTSCH DTSK Connectors Series Brief

English

DEUTSCH DTSK Components Infographic

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English