DTSK06-1-08SA ✔ ACTIVE

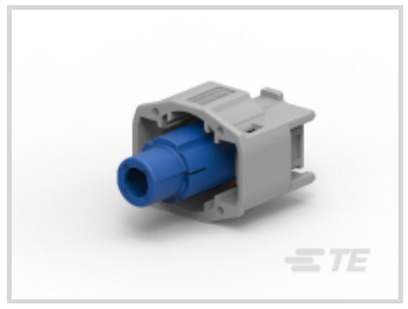
DEUTSCH | DEUTSCH DT, DEUTSCH DTHD, DEUTSCH DTSK

TE Internal #: DTSK06-1-08SA

Housing for Female Terminals, Wire-to-Wire, 1 Position, Sealable, Gray, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings







Connector System: **Wire-to-Wire**

Number of Positions: **1**

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

Sealable: **Yes**

Mating Pin Diameter: **8 mm [.315 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

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

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PA GF

Dimensions

Connector Height	32.5 mm[1.28 in]
Product Width	39.6 mm[1.559 in]
Product Length	36.49 mm[1.437 in]
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]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	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	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) 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 # DT-RT1
EXT TOOL, FRONT RELEASE



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



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



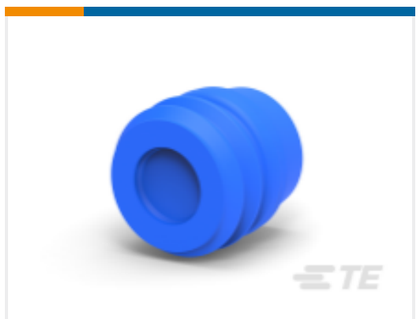
TE Part # 2289243-1
WS-35-001, SEAL, GRN, 10.59-11.59, DTSK



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



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



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

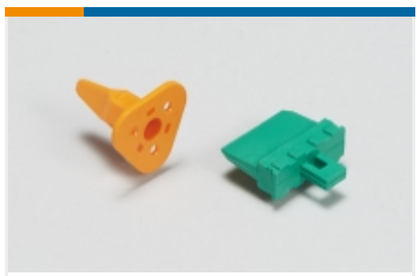


TE Part # 2289242-1
WS-32-001, SEAL, RED, 9.49-10.52, DTSK

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(87)



Automotive Housings(705)



Connector Backshells(61)



Connector Seals & Cavity Plugs(6)



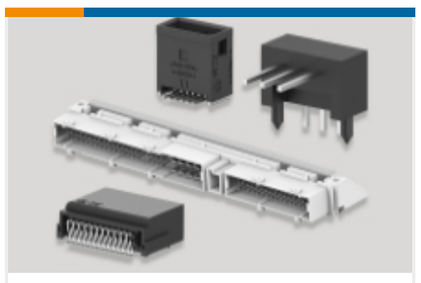
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

Also in the Series | DEUTSCH DTHD



Automotive Housings(21)



Other Automotive Connector Accessories(1)

Also in the Series | DEUTSCH DTSK



Automotive Housings(6)



Automotive Terminals(6)



Connector Seals & Cavity Plugs(3)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #HDP24-24-19PE-L015
DEUTSCH HDP20 Housings



TE Part #DT04-12PA-CL15
DEUTSCH DT Receptacle Connectors



TE Part #4828-007-8605
BKSHL, 86P, BLK, VERTICAL, DRCP



TE Part #1011-331-0205
BKSHL, 2P, BLK, PLG, RA, NW 8.5/10



TE Part #429596-ZZ
DUST CAP.HD10.WITH 115mm NYLON C



TE Part #W2S-P070-Y
SEAL RETN WEDGE. ORANGE DT 2 W



TE Part #CAR3SC68
CAR RECPT DIN9680 3way, IP68



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

Documents

Product Drawings

PLUG, INLINE, KEY A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTSK06-1-08SA_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTSK06-1-08SA_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTSK06-1-08SA_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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