DTSK06-1-08SA ✔ ACTIVE

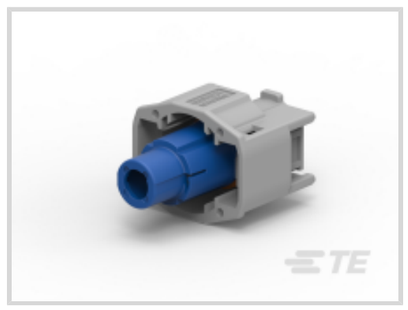
DEUTSCH | DEUTSCH DTHD, DEUTSCH DT, DEUTSCH DTSK

TE Internal #: DTSK06-1-08SA

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

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings







Number of Positions: **1**

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

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

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

Sealable: **Yes**

Features

Housing Features

Housing Material	PA GF

Industry Standards

IP Rating	IP6K9K, IP68
UL Flammability Rating	Not tested

Dimensions

Compatible Insulation Diameter Range	10.59 – 11.59 mm, 8.17 – 9.66 mm, 9.49 – 10.52 mm[.417 – .456 in][.374 – .414 in][.322 – .38 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]

Packaging Features

Packaging Quantity	150
Packaging Method	Box

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)

Other

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

Electrical Characteristics

Operating Voltage	250 VDC
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

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1

Usage Conditions

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

Operation/Application

Circuit Application	Power

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

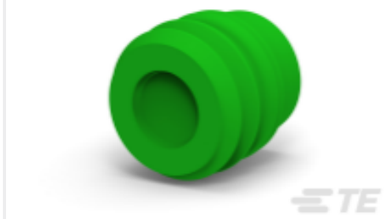
Product Compliance Disclaimer

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



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



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-080-25-601
SOC, SOLID, SIZE M8, 25mm2, AG



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



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

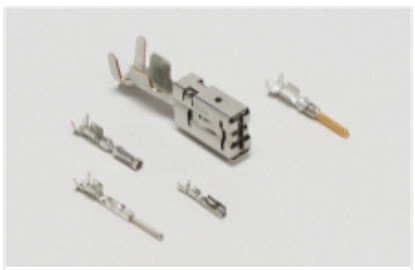


TE Part # 2289242-1
WS-32-001, SEAL, RED, 9.49-10.52, DTSK

Also in the Series | DEUTSCH DTSK



Automotive Housings(21)



Automotive Terminals(6)



Connector Seals & Cavity Plugs(18)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(1)

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Housings(21)



Connector Caps & Covers(1)



Connector Strain Relief(31)

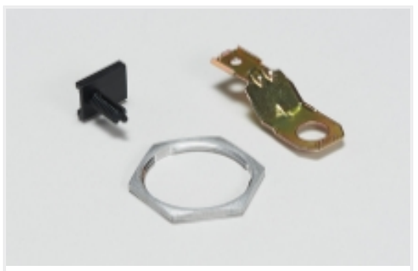


Rectangular Backshells & Clamps(3)

Also in the Series | DEUTSCH DTHD



Automotive Housings(21)



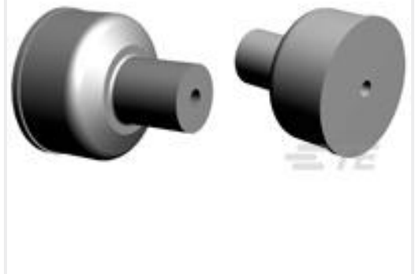
Other Automotive Connector Accessories(1)

Customers Also Bought

TE Part #YHVA630-2PHM-4MM-A
HVA630-2phm,4sqmm,Key A



TE Part #K5000061
Batt. Disconnector 35-314-131-R-901



TE Part #347707-1
0.5MM CABLE SEAL HC SILIC



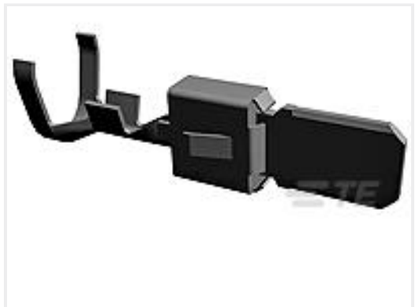
TE Part #DTSK06-1-08SB
PLUG, INLINE, KEY B



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



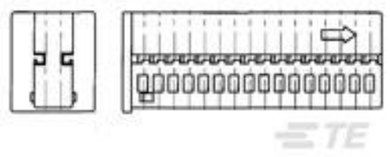
TE Part #2289235-1
DTSKF-1, DTSK FLANGE MOUNT



TE Part #964312-1
TAB A 5.8x0.8 CONTACT CF SWS Sn



TE Part #DT06-4S-LC01
PLG, 4P, BLK, E, SEAL RET,DIN BKSHL ADPT



TE Part #968265-1
32POS MQS REC



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