



DEUTSCH | DEUTSCH DTSK

TE Internal #: SRK-SC-080-25-601

Socket, Pin Diameter 8 mm [.315 in], 4 AWG Wire Size, 25 mm² Wire Size, Sealable, Single Wire Seal (SWS), DEUTSCH DTSK, Automotive Terminals

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

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

Terminal Transmits: **100+ A (Very High Power)**

Wire Size: **25 mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	8mm
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Silver
Typical Current Rating	100 A
Crimp Type	Hexagonal Crimping
Terminal Type	Socket
Mating Pin Diameter	8 mm [.315 in]
Interface Plating	Silver (Ag)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	25 mm ²
Wire Size Search	4 AWG

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Compatible With Agency/Standards Products	NFC 20.130
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Packaging Features

Packaging Quantity	300
Packaging Method	Pack

Other

Customer Preferred Contact	Yes
Terminal Transmits	100+ A (Very High Power)

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235) 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 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 # DTSK06-1-08SA
PLUG, INLINE, KEY A



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




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

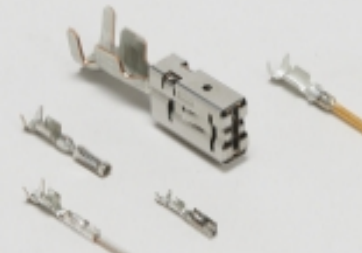


TE Part # 2289241-1
WS-25-001, SEAL, BLU, 8.17-9.66, DTSK


Also in the Series | DEUTSCH DTSK




Automotive Housings(6)




Automotive Terminals(6)



Connector Seals & Cavity Plugs(3)

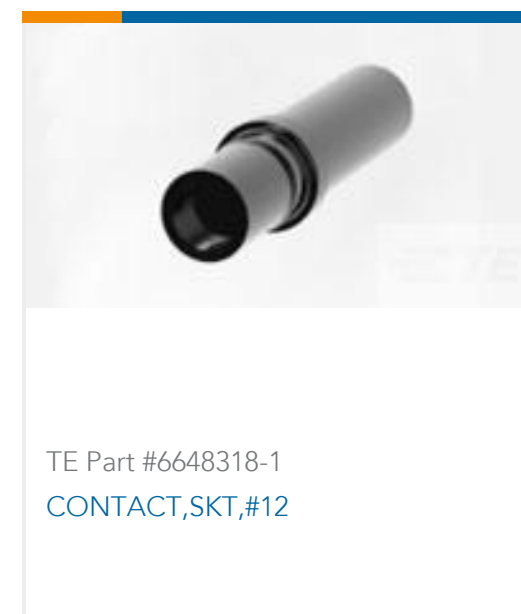
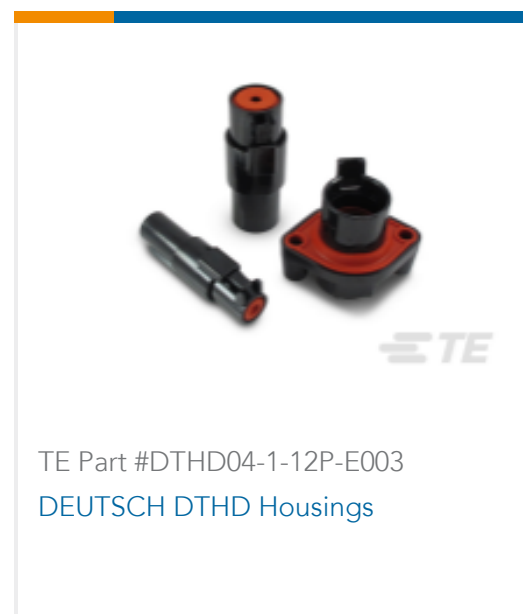


Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)

Customers Also Bought



Documents

Product Drawings

[SOC, SOLID, SIZE M8, 25mm², AG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_SRK-SC-080-25-601_99_c-srk-sc-080-25-601-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SRK-SC-080-25-601_99_c-srk-sc-080-25-601-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_SRK-SC-080-25-601_99_c-srk-sc-080-25-601-99.3d_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

Product Specifications

[Application Specification](#)

English

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