



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

Sealable	Yes
Primary Locking Feature	On the Terminal

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
--------------------	------------------------

Contact Features

Contact Size	8mm
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Silver
Typical Current Rating	150 A
Crimp Type	Hexagonal
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	3 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Industry Standards

Agency/Standard	NFC 20.130
-----------------	------------

Packaging Features

Packaging Quantity	150
Packaging Method	Box

Other

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

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

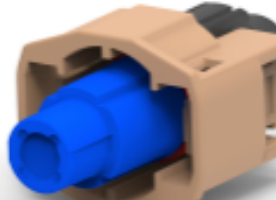
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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
--	--	--	--

Customers Also Bought

 TE Part #HDP24-24-23SE-L017 DEUTSCH HDP20 Housings	 TE Part #DT04-4P-CL06 DEUTSCH DT Receptacle Connectors	 TE Part #DT06-08SA-CE11 PLG, 8P, BLK, E, SEAL RET, CAP, A	 TE Part #DTP06-2S-EE01 PLG, 2P, BLK, N, XCAP
TE Part #EM5351-000 0024S1664-9CS3480	TE Part #CV8943-000 0026S1664-9CS3412	TE Part #EM3833-000 0026S1664-9CS3480	TE Part #EM3106-000 DK-621-L934-1S-CS4138

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