



DEUTSCH

TE Internal #: SRK-SC-080-32-601

Automotive Terminals, Socket, Pin Diameter 8 mm [.315 in], 2 AWG

Wire Size, 32 mm² Wire Size, Sealable, Single Wire Seal (SWS)

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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: **32 mm²**

Features

Product Type Features

Sealable	Yes
Primary Locking Feature	On the Terminal

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	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
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Product Terminates To Wire

Dimensions

Wire Size 32 mm²

Wire Size Search 2 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 # 2289242-1
WS-32-001, SEAL, RED, 9.49-10.52, DTSK

Customers Also Bought



TE Part # DTHD04-1-8P-E003
REC, 1P, BLK, N, SIZE 8, CAP



TE Part # 776309-1
CAP HOUSING 2 POSITION



TE Part # 66741-8
TYPE XII FEMALE CONT (L.P.)



TE Part # 181953-1
250 FASTON, TAB, BR



TE Part # 1393249-9
W58-XB1A4A-15=W58



TE Part # 1-1393249-2
W58-XB1A4A-20=W58



TE Part # 1897209-2
MCP HYB 4P CAP HSG



TE Part # T4112002081-000
M12,FEMALE,RA,A CODE,8P,PG9, GOLD



Documents

Product Drawings

[SOC, SOLID, SIZE M8, 32mm², AG](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_SRK-SC-080-32-601_99_c-srk-sc-080-32-601-99.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_SRK-SC-080-32-601_99_c-srk-sc-080-32-601-99.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_SRK-SC-080-32-601_99_c-srk-sc-080-32-601-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[DEUTSCH DTSK Connectors Series Brief](#)

English

[DEUTSCH DTSK Components Infographic](#)

English

Product Specifications

[Application Specification](#)

English