



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-201-20141

DEUTSCH Common Contact, Automotive Terminals, Socket, Pin Diameter 1.02 mm [.04 in], 20 AWG Wire Size, .5 mm² Wire Size, Locking On the Terminal

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Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal Type: **Socket**

Mating Pin Diameter: 1.02 mm [.04 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .5 mm²

[All DEUTSCH SOLID CONTACTS \(44\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Contact Features

Typical Current Rating	7.5 A
Crimp Type	Indent
Terminal Type	Socket
Mating Pin Diameter	1.02 mm [.04 in]
Interface Plating	Nickel (Ni)
Contact Termination Area Plating Material	Nickel (Ni)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.5 mm ²
Wire Size Search	.5 mm ²

Usage Conditions

Insulation Requirement	Uninsulated
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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]
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Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Box
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Packaging Quantity	5000
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Other

Customer Preferred Contact	Yes
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Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (1.2% in Component Part)
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Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # CAT-ST858-CH8172
DEUTSCH STRIKE HOUSINGS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Part # HDT-48-00
CRIMP TOOL, HAND



TE Part # HDT-50-00
CRIMP TOOL




TE Part # HDP-400
POWER CRIMPER



TE Part # 2372208-1
SDE HDT-1561-NG DEUTSCH 16-20AWG ASSY



TE Part # CAT-D485-CH8172
DEUTSCH DTM HOUSINGS



TE Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Part # CAT-D799-CH8172
DEUTSCH DRC HOUSINGS



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 HOUSINGS



TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # DRCP28-86SA
PLG, 86P, BLK, 12/20, A



TE Part # DTMH06-4SA
PLG, 4P, BLK, N, HI TEMP, A



TE Part # 400-414DA-20N
SZ 20 DIE ASM



TE Part # DRC26-24SB
PLG, 24P, BLK, N, B



TE Part # DRC26-50S06
PLG, 50P, BLK, N, 06



TE Part # DRC26-50S09
PLG, 50P, BLK, N, 09

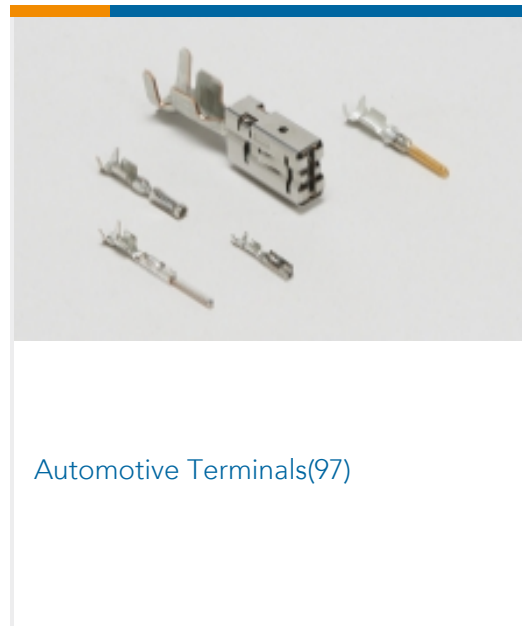


TE Part # DRC26-60S01
PLG, 60P, BLK, N, 01

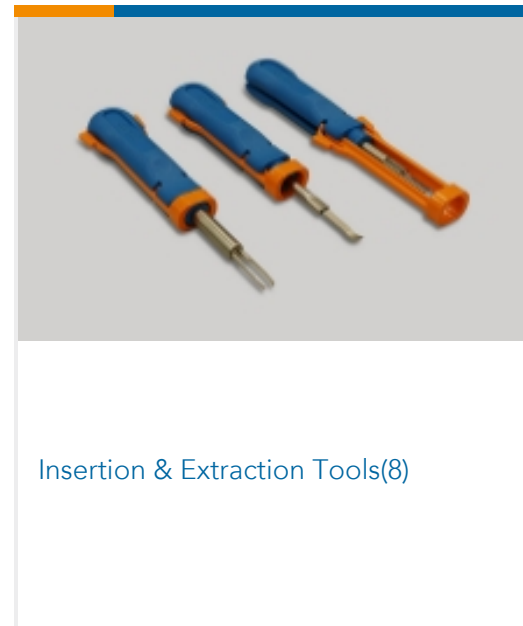


TE Part # DRC26-60S04
PLG, 60P, BLK, N, 04

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(97)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #DTM06-12SA
DEUTSCH DTM HOUSINGS



TE Part #WM-12S
DEUTSCH DTM WEDGELOCKS



TE Part #0413-204-2005
SEALING PLUG, SIZE 20, RED

Documents

Product Drawings

SOC, SOLID, SIZE 20, 20AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_0462-201-20141_1D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-201-20141_1D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-201-20141_1D.3d_stp.zip](#)



English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English

Product Environmental Compliance

[MD_0462-201-20141_0716201862_dmtec](#)

English

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