



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**

Wire Size: **20 AWG**

Interface Plating: **Nickel (Ni)**

Sealable: **No**

[All DEUTSCH Solid Contacts \(46\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No

Contact Features

Typical Current Rating	7.5 A
Crimp Type	Indent Crimp
Contact Size	Size 20
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Nickel
Terminal Type	Socket
Interface Plating	Nickel (Ni)
Mating Pin Diameter	1 mm[.04 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	20 AWG
Wire Size Search	.5 mm²



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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Packaging Features

Packaging Method	Crate
Packaging Quantity	5000

Other

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

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in 74021991) 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
Solder Process Capability	Not reviewed for solder process capability

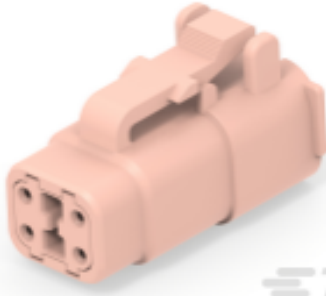
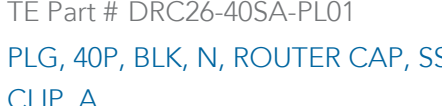
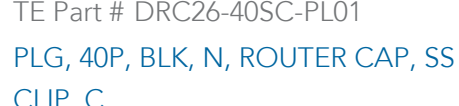
Product Compliance Disclaimer

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 # DTMH06-4SD PLG, 4P, BLK, N, HI TEMP, D	 TE Part # DRC26-24SC PLG, 24P, BLK, N, C	 TE Part # DRC26-50S08-C027 PLG, 50P, BLK, N, SPECIAL GROMMET, 08	 TE Part # DRC26-40SB-P017 PLG, 40P, BLK, N, SS CLIP, B
 TE Part # DRC26-40SD-P017 PLG, 40P, BLK, N, SS CLIP, D	 TE Part # 1060-20-0622 PIN, SF, SIZE 20, 14-16, NI/NI	 TE Part # DTMH06-4SC PLG, 4P, BLK, N, HI TEMP, C	 TE Part # DTMH06-3SB PLG, 3P, BLK, N, HI TEMP, B
 TE Part # DRCP28-86SA PLG, 86P, BLK, 12/20, A	 TE Part # DTMH06-4SA PLG, 4P, BLK, N, HI TEMP, A	 TE Part # HDP-400 POWER CRIMPER	 TE Part # DTMH06-2SD PLG, 2P, BLK, N, HI TEMP, D
 TE Part # PDT-48-00 CRIMP TOOL	 TE Part # DRC26-24SC-P017 PLG, 24P, BLK, N, SS CLIP, A	 TE Part # DRC26-40SA-PL01 PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, A	 TE Part # DRC26-40SC-PL01 PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, C



TE Part # DRC26-50S03-C027
PLG, 50P, BLK, N, SPECIAL
GROMMET, 03

TE Part # DRC26-24SD-P017
PLG, 24P, BLK, N, SS CLIP, A

TE Part # 450GA-20N
GAUGE SZ 20 GO-NO-GO FOR HDP-400

TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings

Also in the Series | **DEUTSCH Common Contact**

[Automotive Terminals\(127\)](#)

[Insertion & Extraction Tools\(8\)](#)

Customers Also Bought

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part #CAT-D485-W416
DEUTSCH DTM Wedgelocks

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
DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications
Engineering Report

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