



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-005-20141

Socket Terminal, 16 – 18 AWG, .75 – 1.5 mm² Wire, Nickel (Ni), 1 mm [.04 in] Pin Diameter, Terminates To Wire, DEUTSCH Common Contact

[View on TE.com >](#)

Automotive Parts > Automotive Terminals > DEUTSCH Connector Solid Contacts



Terminal Type: **Socket**

Wire Size: **16 – 18 AWG**

Interface Plating: **Nickel (Ni)**

Sealable: **No**

[All DEUTSCH Connector Solid Contacts \(47\)](#)

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	16 – 18 AWG
Wire Size Search	.75 mm ² , 1 mm ² , 1.5 mm ²



Usage Conditions

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

Operation/Application

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

Packaging Features

Packaging Method	Carton
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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 < 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 # DRC26-60S09
PLG, 60P, BLK, N, 09

TE Part # DRC26-50S10-C027
PLG, 50P, BLK, N, SPECIAL GROMMET, 10

TE Part # DRC26-60S02
PLG, 60P, BLK, N, 02

TE Part # DRC26-40SB-PL01
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, B

TE Part # DRC26-40SD-PL01
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, D



TE Part # CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part # 400-4301-20S
SZ 20 LOCATOR



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



TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part # DRC26-50S01-C027
PLG, 50P, BLK, N, SPECIAL GROMMET, 01



TE Part # DRCP28-86SB
PLG, 86P, BLK, 12/20, B

TE Part # DRC26-40SD-P017
PLG, 40P, BLK, N, SS CLIP, D

TE Part # DRC26-50S08-C027
PLG, 50P, BLK, N, SPECIAL GROMMET, 08



TE Part # DTMH06-4SD
PLG, 4P, BLK, N, HI TEMP, D

TE Part # DRC26-40SB-P017
PLG, 40P, BLK, N, SS CLIP, B



TE Part # DTMH06-2SD
PLG, 2P, BLK, N, HI TEMP, D



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



TE Part # DTMH06-4SC
PLG, 4P, BLK, N, HI TEMP, C

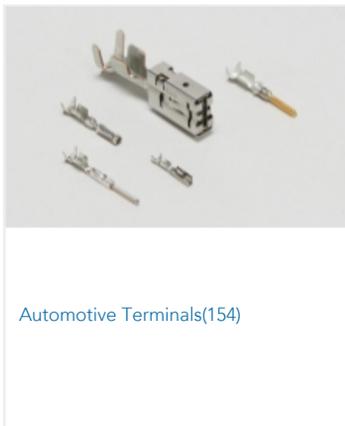


TE Part # DRC26-24SC
PLG, 24P, BLK, N, C

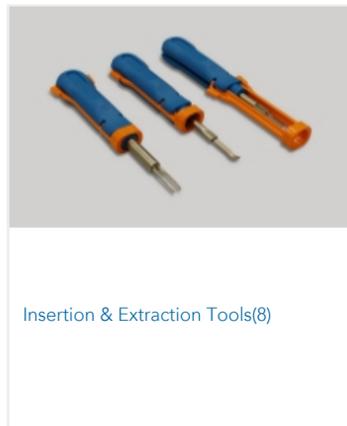


TE Part # DTMH06-3SB
PLG, 3P, BLK, N, HI TEMP, B

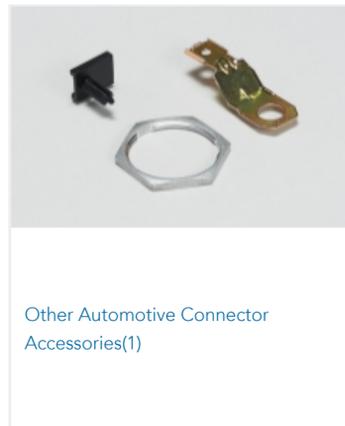
Also in the Series | DEUTSCH Common Contact



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector
Accessories(1)

Customers Also Bought



TE Part #1011-054-1205
SEAL RET, 12P, GRN, DTM, C



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #DRC13-40PB
HDR, 40P, BLK, RA, 1032 FLG, SN/NI
/CU, B



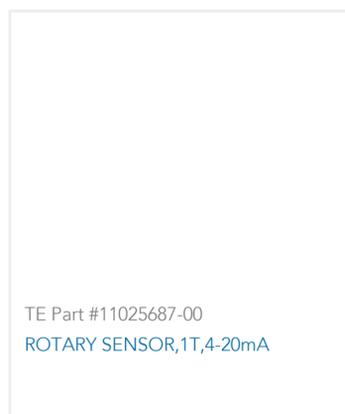
TE Part #T4162123005-002
RPC-M12-5MS-1.0SH-M12-5FS-PUR
/CU, B



TE Part #1437624-2
PH15181/4=KNOB PLASTIC CONTROL



TE Part #5499923-1
A/L UNIV HDR 10P VERT LAT



TE Part #11025687-00
ROTARY SENSOR,1T,4-20mA



TE Part #20009145-01
RTD,1000,B,COPPER,M12

Documents

Product Drawings

SOC, SOLID, SIZE 20, 16-18AWG, NI

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_0462-005-20141_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-005-20141_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-005-20141_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English