0462-005-2031 ✔ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-005-2031

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

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Automotive Parts > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**

Wire Size: **16 – 18 AWG**

Interface Plating: **Gold (Au)**

Sealable: **No**

All DEUTSCH 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	Gold
Terminal Type	Socket
Interface Plating	Gold (Au)
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 mm², 1 mm², 1.5 mm²

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °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

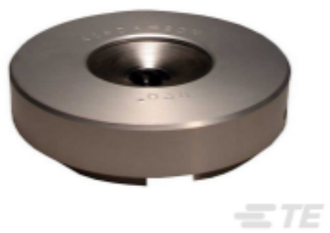
TE Part # DRC26-40SD-PL01
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, D

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

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

TE Part # DRC26-60S09
PLG, 60P, BLK, N, 09

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



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

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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

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



TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings



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

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

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

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

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

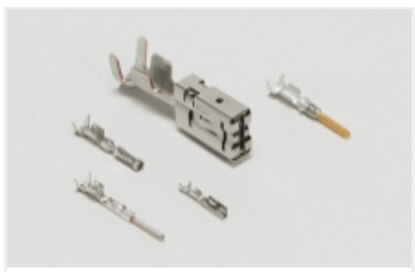


TE Part # DTMH06-4SB
PLG, 4P, BLK, N, HI TEMP, B

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

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

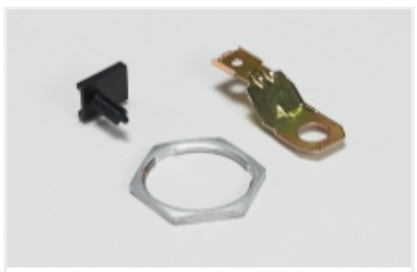
Also in the Series | DEUTSCH Common Contact



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector Accessories(1)

Customers Also Bought



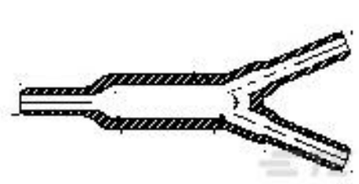
TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #T2030162201-000
HDD-016-F



TE Part #TRAB4103P
OMNI,PH,PMT,410-430MHz



TE Part #821051-000
381A015-4/42-0



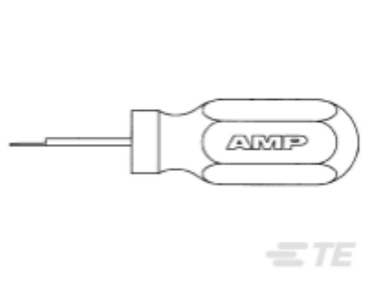
TE Part #0413-204-2005
SEALING PLUG, SIZE 20, RED



TE Part #HD36-24-47SE-059
PLG,47P,AL,E, CBLCLMPBT,DRAIN,16/20,S,MC



TE Part #DTP2S-BT
BOOT, 2P, PLG, ST, GRY



TE Part #234605-1
EXT-TOOL

TE Part #11101922-00
AST4000A00100P4E0000:CTO-13000000-02

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0462-005-2031_99_c-0462-005-2031-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0462-005-2031_99_c-0462-005-2031-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0462-005-2031_99_c-0462-005-2031-99.3d_stp.zip

English

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Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English