



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 mm², 1 mm², 1.5 mm² |



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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (1.2% in 74021991)<br><b>Article Safe Usage Statements:</b><br>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

|                                                                                                                                                                              |                                                                                                                                                |                                                                               |                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>TE Part # DRC26-24SD-P017<br/>PLG, 24P, BLK, N, SS CLIP, A</p>                                                                                                            | <p>TE Part # DRC26-24SC-P017<br/>PLG, 24P, BLK, N, SS CLIP, A</p>                                                                              | <p>TE Part # DRC26-40SC-PL01<br/>PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, C</p> | <p>TE Part # DRC26-50S03-C027<br/>PLG, 50P, BLK, N, SPECIAL GROMMET, 03</p>                                                                       |
| <p>TE Part # 450GA-20N<br/>GAUGE SZ 20 GO-NO-GO FOR HDP-400</p>                                                                                                              |  <p>TE Part # CAT-D799-CH8172<br/>DEUTSCH DRC Housings</p>  | <p>TE Part # DRC26-40SA-PL01<br/>PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, A</p> |  <p>TE Part # DTMH06-4SB<br/>PLG, 4P, BLK, N, HI TEMP, B</p> |
| <p>TE Part # DRC26-40SD-L011<br/>PLG, 40P, BLK, N, ROUTER CAP, D</p>                                                                                                         | <p>TE Part # DRC26-50S02-C027<br/>PLG, 50P, BLK, N, SPECIAL GROMMET, 02</p>                                                                    | <p>TE Part # DRC26-60S03<br/>PLG, 60P, BLK, N, 03</p>                         | <p>TE Part # DRC26-24SD<br/>PLG, 24P, BLK, N, D</p>                                                                                               |
|  <p>TE Part # CAT-D48-SFT273<br/>DEUTSCH Connector Stamped and Formed Contacts - Reel</p> |  <p>TE Part # DRCP26-126SA<br/>PLG, 126P, BLK, 12/20, A</p> | <p>TE Part # DRC26-50S10<br/>PLG, 50P, BLK, N, 10</p>                         | <p>TE Part # DRC26-60S08<br/>PLG, 60P, BLK, N, 08</p>                                                                                             |



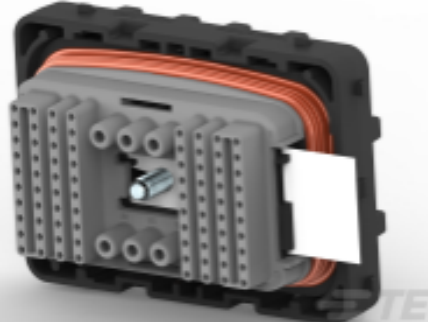




TE Part # DTMH06-3SA-E003  
PLG, 3P, BLK, N, HI TEMP, CAP, A



TE Part # CAT-D781-CH8172  
DEUTSCH DRB Housings



TE Part # DRCP28-86SC  
PLG, 86P, BLK, 12/20, C



TE Part # CAT-H3930-CH8172  
DEUTSCH HD30 Housings

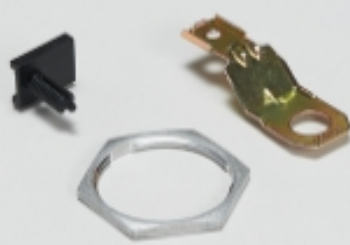
Also in the Series | **DEUTSCH Common Contact**



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector Accessories(1)

Customers Also Bought



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



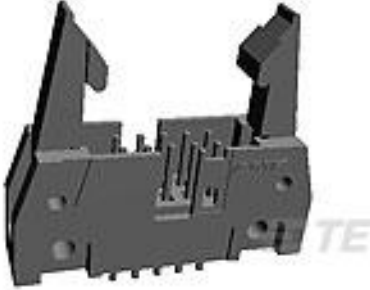
TE Part #CAT-D48-ST273  
DEUTSCH Connector Solid Contacts



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



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

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Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English