



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**
Wire Size: **16 – 20 AWG**
Interface Plating: **Gold (Au)**
Primary Locking Feature: **Clean Body**

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

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Typical Current Rating	13 A
Crimp Type	Indent Crimp
Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Pin
Interface Plating	Gold (Au)
Mating Pin Diameter	1.5 mm[.062 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	16 – 20 AWG
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Wire Size Search	.5 mm², .75 mm², 1 mm², 1.5 mm²
Tab Length	47.88 mm[1.88 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

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 74005426) 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 # AEC14-40PABE-E019 REC, 40P, BLK, E, XCAP, AB	 TE Part # AEC14-40PCE-E019 REC, 40P, BLK, E, XCAP, C	 TE Part # AEC14-40PDE-E019 REC, 40P, BLK, E, XCAP, D	 TE Part # CAT-J41-DDSCC DEUTSCH DT Connectors with snap cap
 TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	 TE Part # CAT-ST858-CH8172 DEUTSCH Strike Housings	 TE Part # 2484670-3 REC, 6P, BLK, N, FLANGE	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings
 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	 TE Part # HDT-50-00 CRIMP TOOL	 TE Part # DTV02-18PB-C015 REC, 18P, BLK, E, FLANGE, B	 TE Part # DTV02-18PD-C032 REC, 18P, BRN, N, FLANGE, 7-12 BLOCK, D
 TE Part # 400-7053-16S SZ 16 LOCATOR	 TE Part # DTV02-18PC REC, 18P, GRN, N, FLANGE, C	 TE Part # DTV02-18PC-C015 REC, 18P, GRN, E, FLANGE, C	 TE Part # HDT-48-00 CRIMP TOOL, HAND





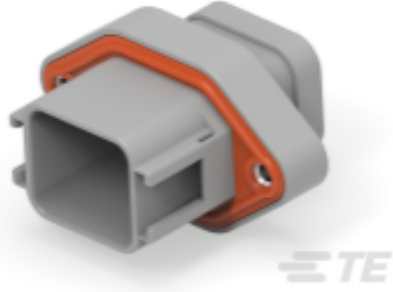
TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 2375997-2
DT04-08PB-P093,REC,8P BLK,BUSBAR G,4X2,B



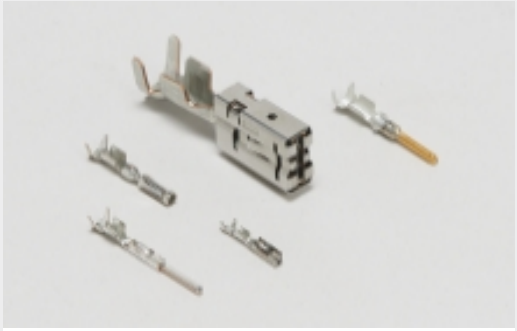
TE Part # CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



TE Part # DTV02-18PA-P055
REC, 18P, GRY, N, FLANGE, NO INSERTS, A

Also in the Series

DEUTSCH Common Contact



Automotive Terminals(127)

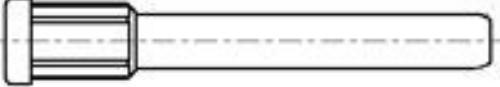


Insertion & Extraction Tools(8)

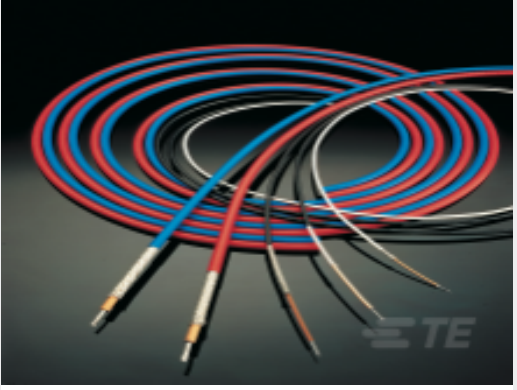
Customers Also Bought



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1612108-4
025/040 CAVITY PLUG



TE Part #986679-000
2019D0301-0



TE Part #DT06-08SA-EP08
PLG, 8P, BLK, N, SEAL RET, CAP, A

TE Part #7G7918-12
SEAL PLUG, SIZE 12, YEL

TE Part #7G7917-16
SEAL PLUG, SIZE 16, BLU

TE Part #7G7919-10
SEAL PLUG, SIZE 8, WHT

TE Part #7G7920-6
SEAL PLUG, SIZE 4, BLU

Documents

Product Drawings

PIN, SOLID, SIZE 16, 16-20AWG, EXT, AU

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_0460-247-1631_99_c-0460-247-1631-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-247-1631_99_c-0460-247-1631-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-247-1631_99_c-0460-247-1631-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English