



Terminals & Splices > Automotive Terminals > DEUTSCH Size 16 Crimp Contacts



Terminal Type: Pin

Interface Plating: Nickel (Ni)

Mating Pin Diameter: 1.5 mm [.062 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 20 – 16 AWG

[All DEUTSCH Size 16 Crimp Contacts \(32\)](#)

Features

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Integrated in Housing

Dimensions



Compatible Insulation Diameter Range	1.4 – 2.5 mm[.055 – .1 in]
Wire Size	.5 – 1 mm²
Wire Size Search	1 mm², .5 mm², .75 mm²

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Contact Features

Typical Current Rating	13 A
Crimp Type	F-Crimp
Contact Size	Size 16
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Pin
Interface Plating	Nickel (Ni)
Mating Pin Diameter	1.5 mm[.062 in]

Body Features

Terminal Seal Type	Family Seal or Unsealed
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Usage Conditions

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

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 # AEC14-40PCE-E019 REC, 40P, BLK, E, XCAP, C	 TE Part # AEC14-40PDE-E019 REC, 40P, BLK, E, XCAP, D	 TE Part # AEC14-40PABE-E019 REC, 40P, BLK, E, XCAP, AB	 TE Part # DTV02-18PD-C032 REC, 18P, BRN, N, FLANGE, 7-12 BLOCK, D
 TE Part # 2266111-2 OCEAN_2.0_APPLICATOR-S-074F052O-RSA	 TE Part # DTV02-18PB-C015 REC, 18P, BLK, E, FLANGE, B	 TE Part # 2484670-3 REC, 6P, BLK, N, FLANGE	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings
 TE Part # CAT-J41-DDSCC DEUTSCH DT Connectors with snap cap	 TE Part # CAT-ST858-CH8172 DEUTSCH Strike Housings	 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	 TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings



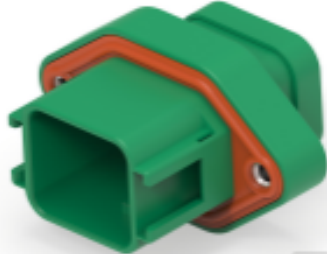


REPRESENTATION ONLY. DIE SET MAY VARY.

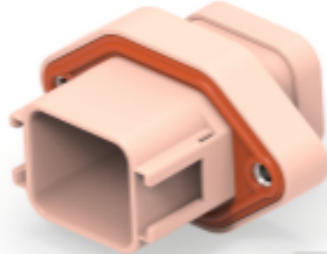
TE Part # 2389783-1
SDE F DEUTSCH 16 S&F 0.50mm2-18AWG ASSY



TE Part # DTV02-18PC
REC, 18P, GRN, N, FLANGE, C



TE Part # DTV02-18PC-C015
REC, 18P, GRN, E, FLANGE, C



TE Part # DTV02-18PD-P055
REC, 18P, BRN, N, FLANGE, NO INSERTS, D



TE Part # 2301337-1
HDP24-24-91PE-P064, REC, 9P, E, 8/12/16, P



TE Part # 7-2266111-8
OCEAN_2.0_CONVERSIONKIT_DEUTSCH-074F052O

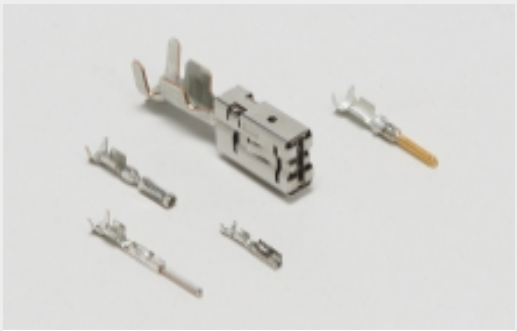


TE Part # DTV02-18PB
REC, 18P, BLK, N, FLANGE, B



TE Part # 5-2266110-1
OCEAN_2.0_APPLICATOR-S-074F068O-RSM

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



Automotive Terminals(129)



Insertion & Extraction Tools(8)

Customers Also Bought



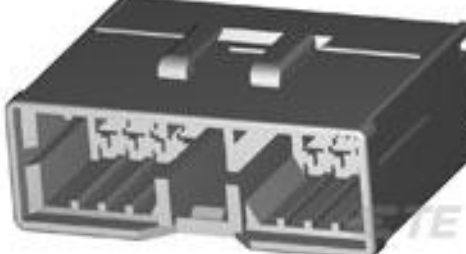
TE Part #CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part #DT04-08PA-C015
REC, 8P, GRY, E, A



TE Part #CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part #85114-1
070/250 HYBRID 15P CAP



TE Part #0413-217-1605
SEALING PLUG, SIZE 16, LOCKING, WHT



TE Part #019341-000
BL-POLY125-64-0-30



TE Part #CS9984-000
ES2000-NO.3-O5-0-35MM-CS9156



TE Part #2819359-2
LOWER COVER



Documents

Product Drawings

PIN, SF, SIZE 16, 16-20, SN/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1060-16-0677_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1060-16-0677_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1060-16-0677_J.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

Product Specifications

Application Specification

English