



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**
Wire Size: **16 – 18 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	7.5 A
Crimp Type	Indent Crimp
Contact Size	Size 20
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Pin
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
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Wire Size Search	.75 mm², 1 mm², 1.5 mm²
Tab Length	18.29 mm[.72 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	Crate
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	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

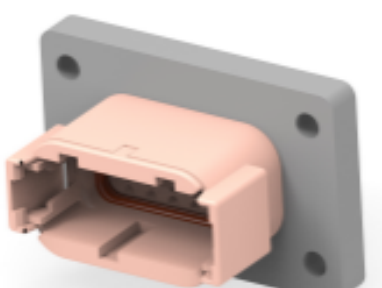
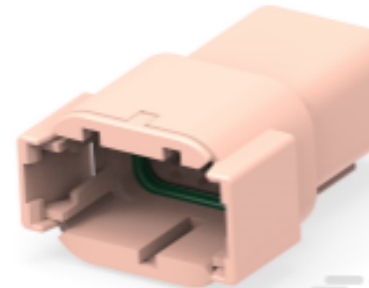
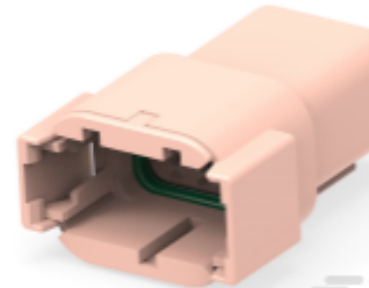
Product Compliance Disclaimer

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 # DTM04-08PB-E003 REC, 8P, BLK, N, CAP, B	 TE Part # YDTM04-08PD-L02500 REC, 8P, BRN, N, FLANGE, D	 TE Part # DTM04-08PC-EE04 REC, 8P, BLK, N, HIGH TEMP, C	 TE Part # DTM04-08PC-E004 REC, 8P, BLK, N, C
 TE Part # DTM04-08PC-E005 REC, 8P, BLK, N, CAP, C	 TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings	 TE Part # 450GA-20N GAUGE SZ 20 GO-NO-GO FOR HDP-400	 TE Part # DTM04-12PB-E003 REC, 12P, BLK, N, CAP, B
 TE Part # DTM04-12PD-L012 REC, 12P, BRN, N, FLANGE, D	 TE Part # DTM04-12PB-E005 REC, 12P, BLK, N, CAP, B	 TE Part # 1062-20-0344 SOC, SF, SIZE 20, 16-22, SLEWLESS, AU /SN	 TE Part # DTM04-12PC-EE04 REC, 12P, BLK, N, HIGH TEMP, C
 TE Part # YDTM04-08PA-L02500 REC, 8P, GRY, N, FLANGE, A	 TE Part # DTM04-08PD-E018 REC, 8P, BRN, N, HIGH TEMP, D	 TE Part # CAT-ST858-CH8172 DEUTSCH Strike Housings	 TE Part # DTM04-12PA-EE04 REC, 12P, BLK, N, HIGH TEMP, A



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings

TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings

TE Part # HDT-50-00
CRIMP TOOL

TE Part # DTMH04-4PC
REC, 4P, BLK, N, HI TEMP, C

Also in the Series

DEUTSCH Common Contact

Automotive Terminals(127)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #201843-1
STRAIN RELIEF CLAMP (14) POS.

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #WM-12P
WEDGE LOCK, 12P, REC, ORG, DTM

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

TE Part #S8655PLNF
Panel,LHCP,fixed,RNF 865-870MHz, 5dBiC,FL

TE Part #2415-001-2405
PROTECT CVR, 24SZ, REC, RED, HDP

TE Part #1-206613-0
RECEPT ASSY,SZ 23-22,CPC

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_0460-010-2031_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-010-2031_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-010-2031_B.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