



Automotive Parts > Automotive Terminals > DEUTSCH Connector Solid Contacts



Terminal Type: Pin

Wire Size: 20 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	Pin
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	20 AWG
Wire Size Search	.5 mm²



Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °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	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 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

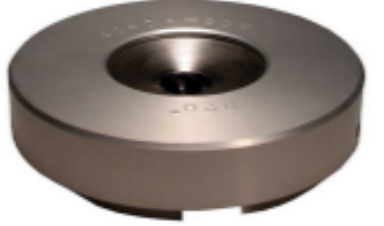
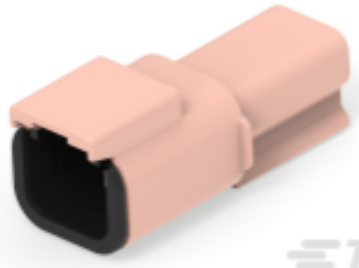
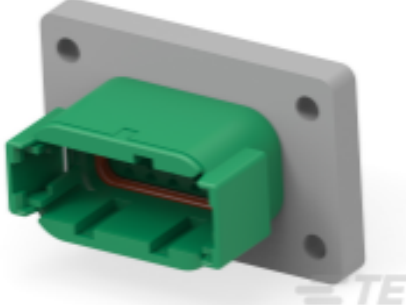
Product Compliance Disclaimer

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 # DTM04-12PC-E003 REC, 12P, GRN, N, CAP, C	 TE Part # DTM04-08PD-E005 REC, 8P, BLK, N, CAP, D	 TE Part # DTM04-08PD-EE04 REC, 8P, BLK, N, HIGH TEMP, D	 TE Part # YDTM04-08PB-L02500 REC, 8P, BLK, N, FLANGE, B
 TE Part # CAT-D48-ST273 DEUTSCH Connector Solid Contacts	 TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings	 TE Part # 400-414DA-20N SZ 20 DIE ASM	 TE Part # 400-4301-20S SZ 20 LOCATOR
 TE Part # DTM04-12PD-E005 REC, 12P, BLK, N, CAP, D	 TE Part # DTMH04-2PD REC, 2P, BLK, N, HI TEMP, D	 TE Part # DTM04-3P-R011 REC, 3P, BLK, 90DEG, PANEL	 TE Part # DTMH04-3PB REC, 3P, BLK, N, HI TEMP, B
 TE Part # DTM04-12PC-L012 REC, 12P, GRN, N, FLANGE, C	 TE Part # CAT-D48-SFT273 DEUTSCH Connector Stamped and Formed Contacts - Reel	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 TE Part # 2372208-1 SDE HDT-1561-NG DEUTSCH 16-20AWG ASSY



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings

TE Part # HDT-48-00
CRIMP TOOL, HAND

TE Part # HDT-50-00
CRIMP TOOL

TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings

Also in the Series

DEUTSCH Common Contact

Automotive Terminals(153)

Insertion & Extraction Tools(8)

Other Automotive Connector Accessories(1)

Customers Also Bought

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

TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part #CAT-D485-W416
DEUTSCH DTM Wedgelocks

Documents

Product Drawings

PIN, SOLID, SIZE 20, 20AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0460-202-20141_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0460-202-20141_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0460-202-20141_C.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