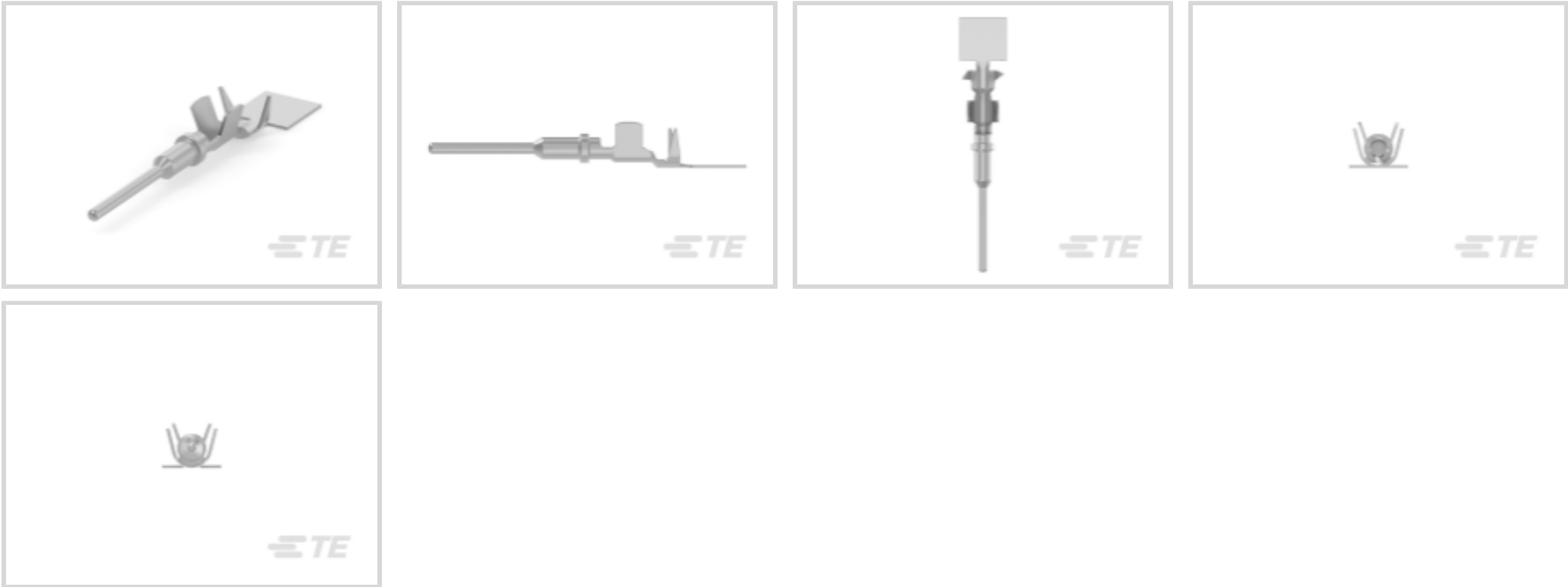




Automotive Parts > Automotive Terminals > DEUTSCH Stamped and Formed Contacts



Terminal Type: Pin

Wire Size: 22 – 16 AWG

Interface Plating: Tin (Sn)

Primary Locking Feature: Integrated in Housing

[All DEUTSCH Stamped and Formed Contacts \(56\)](#)

Features

Product Type Features

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

Body Features

Terminal Seal Type	Family Seal or Unsealed
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Contact Features

Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Contact Size	Size 20
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Pin
Interface Plating	Tin (Sn)



Mating Pin Diameter	1 mm[.04 in]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 – 3.2 mm[.075 – .125 in]
Wire Size	22 – 16 AWG
Wire Size Search	.35 mm², .5 mm², .75 mm², 1 mm², 1.5 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	Reel
Packaging Quantity	4000

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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No 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) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



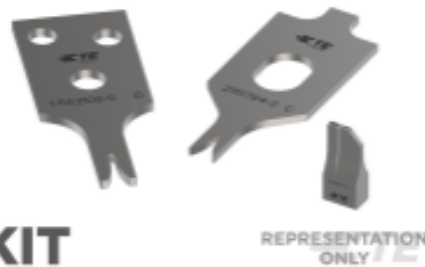
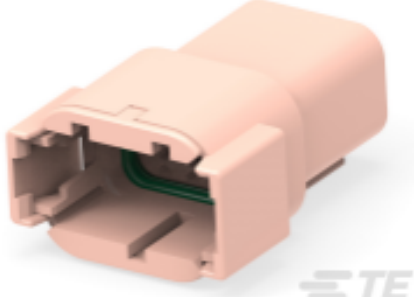
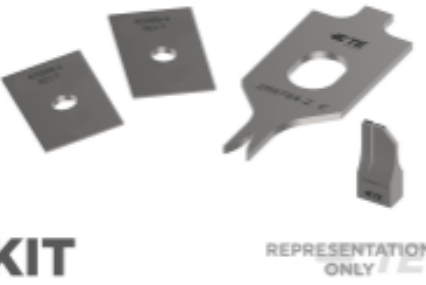
Solder Process Capability

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 # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 TE Part # 2391435-2 SDE F PIN/SOCKET 16-18 DIE SET	 TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts	 TE Part # 7-2266118-7 OCEAN_2.0_SPARE_PART_KIT-069F080O
 TE Part # 2266118-1 OCEAN_2.0_APPLICATOR-S-069F080O-RSM	 TE Part # 5-2266118-1 OCEAN_2.0_APPLICATOR-S-069F080O-RSM	 TE Part # 5-2266117-2 OCEAN-2.0-APPLICATOR-S-069F090OA-RSA	 TE Part # DTM04-08PD-E018 REC, 8P, BRN, N, HIGH TEMP, D
 TE Part # 7-2266118-8 OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F080O	 TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	 TE Part # DTM04-12PA-EE04 REC, 12P, BLK, N, HIGH TEMP, A



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



TE Part # CAT-ST858-CH8172
DEUTSCH Strike Housings



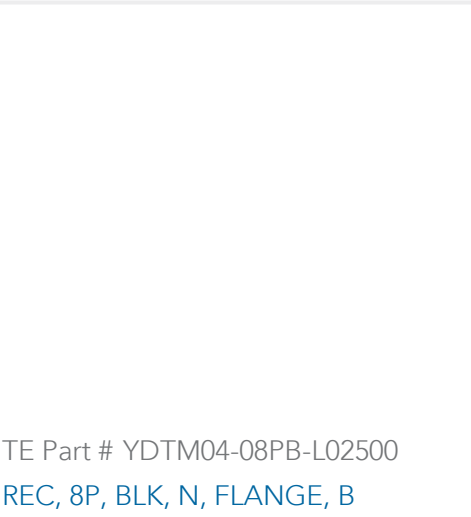
TE Part # DTM04-12PD-E005
REC, 12P, BLK, N, CAP, D



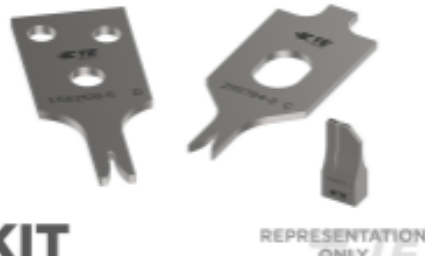
TE Part # 5-2266116-1
OCEAN_2.0_Applicator-S-069F110O-RSM



TE Part # DTM04-08PD-E005
REC, 8P, BLK, N, CAP, D



TE Part # YDTM04-08PB-L02500
REC, 8P, BLK, N, FLANGE, B



TE Part # 7-2266116-7
OCEAN_2.0_SPARE_PART_KIT-069F110O



TE Part # 0462-005-20309
SOC, SOLID, SIZE 20, 16-18AWG, SN

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



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #1011-236-0405
BKSHL, 4P, BLK, PLG, RA, NW6/7.5/8.5/10



TE Part #DTM04-08PB
REC, 8P, BLK, N, B



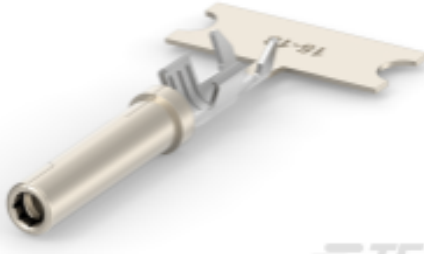
TE Part #2-2600020-2
XRC PIN TERMINAL 14-18AWG Ni Plated



TE Part #CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts



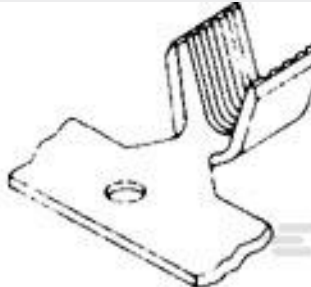
TE Part #806161-SF
FN2415-16-29



TE Part #2-2600021-3
XRC SOCKET 14-18 AWG Ni Plated



TE Part #DTM8S-BT-BK
BOOT, 8P, PLG, ST, BLK



TE Part #63562-1
SPLICE 10400-22900 030TPBR



Documents

Product Drawings

PIN, SF, SIZE 20, 16-22, SN/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1060-20-0177_J_c-1060-20-0177-j.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1060-20-0177_J_c-1060-20-0177-j.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1060-20-0177_J_c-1060-20-0177-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