



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 1060-20-0277

Pin Terminal, 22 – 16 AWG, .35 – 1.5 mm<sup>2</sup> Wire, Tin (Sn), 1 mm [.04 in] Pin Diameter, Family Seal or Unsealed, DEUTSCH Common Contact

[View on TE.com >](#)

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	1.3 – 2.2 mm [.051 – .085 in]
Wire Size	22 – 16 AWG
Wire Size Search	.35 mm <sup>2</sup> , .5 mm <sup>2</sup> , .75 mm <sup>2</sup> , 1 mm <sup>2</sup> , 1.5 mm <sup>2</sup>

### 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	No Restricted Materials 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

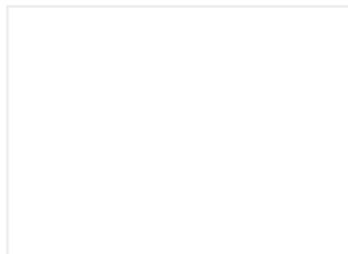
Solder Process Capability

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>

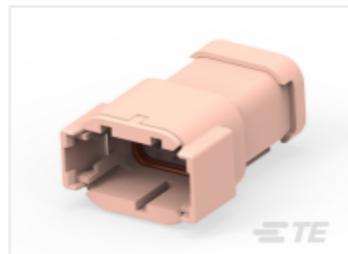
Compatible Parts



TE Part # YDTM04-08PC-L02500  
REC, 8P, GRN, N, FLANGE, C



TE Part # DTM04-08PC-E003  
REC, 8P, GRN, N, CAP, C



TE Part # DTM04-08PD-E003  
REC, 8P, BRN, N, CAP, D



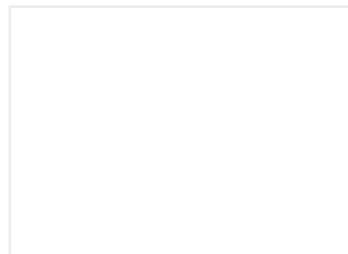
TE Part # DTM04-08PC-E018  
REC, 8P, GRN, N, HIGH TEMP, C



TE Part # DTM04-12PD-E003  
REC, 12P, BRN, N, CAP, D



TE Part # DTM04-08PD-E004  
REC, 8P, BLK, N, D



TE Part # 2303064-2  
REC, 12P, BLK, N, FLANGE, B



TE Part # 1-2303064-1  
12POS, STAMPED 20, PIN HSG ASSY, SLD, COD 1



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266119-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-069F068O



TE Part # DRCP24-86PA  
REC, 86P, BLK, 12/20, A



TE Part # DTMH04-4PB  
REC, 4P, BLK, N, HI TEMP, B



TE Part # DTMH04-4PD  
REC, 4P, BLK, N, HI TEMP, D



TE Part # DTM04-08PC  
REC, 8P, GRN, N, C



TE Part # DTM04-12PC-E005  
REC, 12P, BLK, N, CAP, C



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



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



TE Part # 2390511-2  
SDE F DEUTSCH 20 PIN/SKT 18-22  
DIE SET



TE Part # 2266120-1  
OCEAN\_2.0\_APPLICATOR-S-  
069F052O-RSM

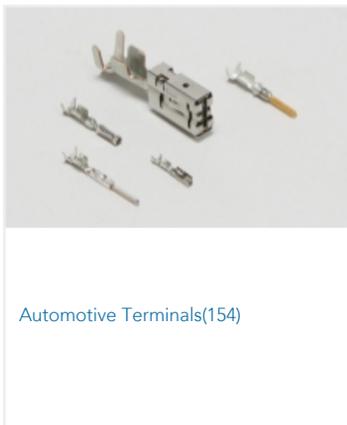


TE Part # 7-2266120-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
069F052O

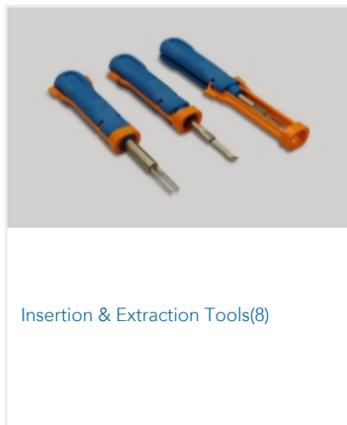


TE Part # CAT-D485-CH8172  
DEUTSCH DTM Housings

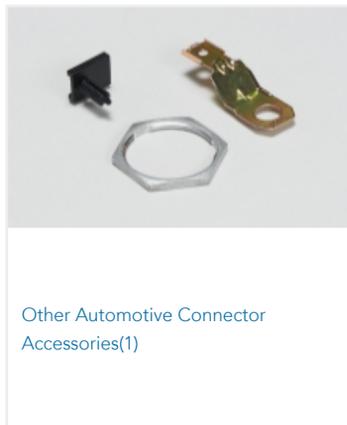
## Also in the Series | DEUTSCH Common Contact



Automotive Terminals(154)



Insertion & Extraction Tools(8)



Other Automotive Connector  
Accessories(1)

## Customers Also Bought



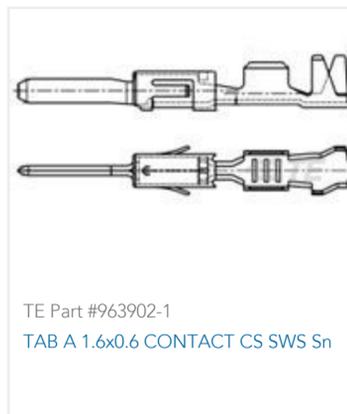
TE Part #DTM04-12PA-L012  
REC, 12P, GRY, N, FLANGE, A



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



TE Part #YDT04-2P-P06000000  
REC, 2P, BLK, BUSBAR, NI



TE Part #963902-1  
TAB A 1.6x0.6 CONTACT CS SWS Sn



TE Part #965612-2  
32POS MQS REC



TE Part #1-1670459-2  
8POS MQS REC COD A



TE Part #5-1825136-4  
A101TCQ04



TE Part #2318967-1  
24POS,AMP MCP 2.8,REC HSG ASSY,  
SLD



## Documents

### Product Drawings

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

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1060-20-0277\\_H\\_c-1060-20-0277-h.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1060-20-0277\\_H\\_c-1060-20-0277-h.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1060-20-0277\\_H\\_c-1060-20-0277-h.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

### Product Specifications

Application Specification

English