



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0460-010-20141

DEUTSCH Common Contact, Automotive Terminals, Pin, Pin
 Diameter 1.02 mm [.04 in], Terminal Transmits 0 – 24 A (Low Power),
 18 – 16AWG Wire Size

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Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal & Splice Type: **Pin**

Mating Pin Diameter: **1.02 mm [.04 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.75 – 1.5 mm²**

[All DEUTSCH SOLID CONTACTS \(44\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal
Automotive Terminal Wire Type	Copper

Body Features

Automotive Terminal Seal Type	Family Seal or Unsealed
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Contact Features

Typical Current Rating	7.5 A
Crimp Type	Indent
Terminal & Splice Type	Pin
Mating Pin Diameter	1.02 mm [.04 in]
Automotive Terminal Interface Plating	Nickel (Ni)
Contact Termination Area Plating Material	Nickel (Ni)

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	.75 – 1.5 mm ²
Wire Size Search	.75 mm ² , 1 mm ² , 1.5 mm ²



Usage Conditions

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

Packaging Features

Packaging Method	Box
Packaging Quantity	20000

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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (1.2% in Component Part) 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 Model / Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS




TE Model / Part # CAT-ST858-CH8172
DEUTSCH STRIKE HOUSINGS



TE Model / Part # CAT-D485-CH8172
DEUTSCH DTM HOUSINGS



TE Model / Part # CAT-H396-CH8172
DEUTSCH HDP20 HOUSINGS



TE Model / Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Model / Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Model / Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part # HDP-400
POWER CRIMPER



TE Model / Part # HDT-50-00
CRIMP TOOL



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



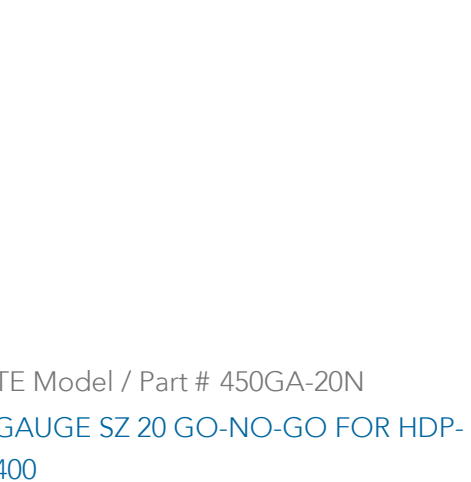
TE Model / Part # CAT-D799-CH8172
DEUTSCH DRC HOUSINGS



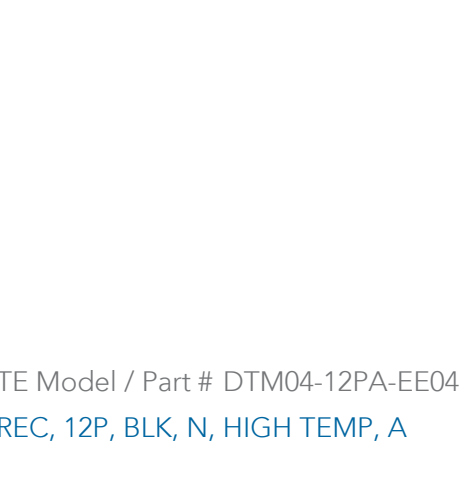
TE Model / Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS



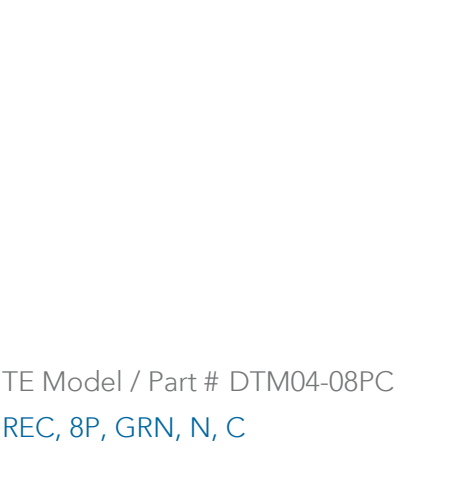
TE Model / Part # 400-414DA-20N
SZ 20 DIE ASM



TE Model / Part # 450GA-20N
GAUGE SZ 20 GO-NO-GO FOR HDP-400



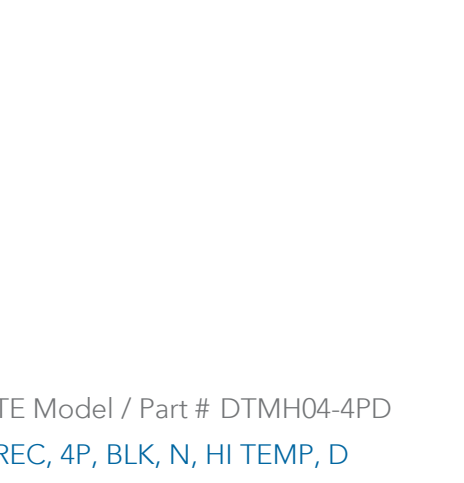
TE Model / Part # DTM04-12PA-EE04
REC, 12P, BLK, N, HIGH TEMP, A



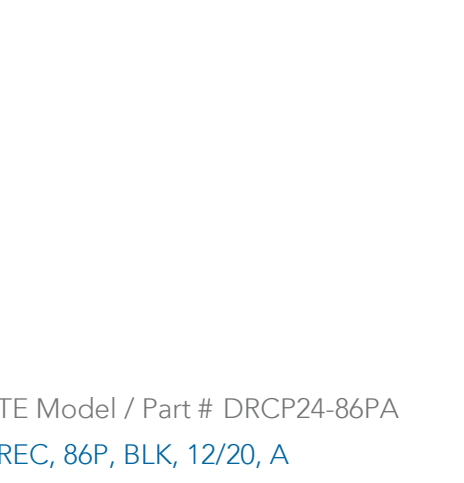
TE Model / Part # DTM04-08PC
REC, 8P, GRN, N, C



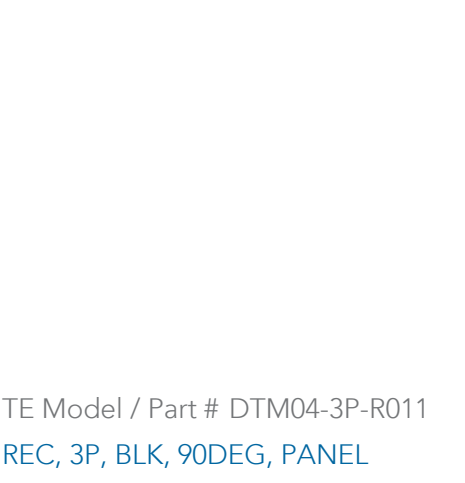
TE Model / Part # DTM04-12PD-L012
REC, 12P, BRN, N, FLANGE, D



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

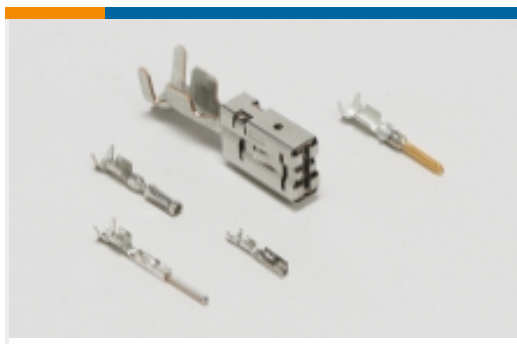


TE Model / Part # DRCP24-86PA
REC, 86P, BLK, 12/20, A

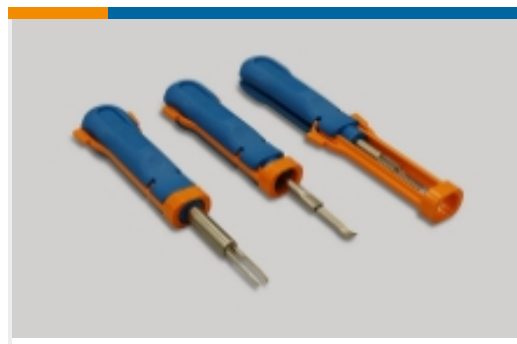


TE Model / Part # DTM04-3P-R011
REC, 3P, BLK, 90DEG, PANEL

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



Automotive Terminals(95)



Insertion & Extraction Tools(12)

Customers Also Bought

TE Model / Part #0460-204-0490
DEUTSCH SOLID CONTACTSTE Model / Part #DT04-2P-RT01
DEUTSCH DT HOUSINGSTE Model / Part #WM-8S
DEUTSCH DTM WEDGELOCKSTE Model / Part #WP-4P
DEUTSCH DTP WEDGELOCKSTE Model / Part #0413-217-1605
DEUTSCH SEALING PLUGSTE Model / Part #HDP24-24-29PE
DEUTSCH HDP20 HOUSINGSTE Model / Part #DTM04-12PA
DEUTSCH DTM HOUSINGS

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_0460-010-20141_99_c-0460-010-20141-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-010-20141_99_c-0460-010-20141-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-010-20141_99_c-0460-010-20141-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English