



DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0460-202-20141

DEUTSCH Common Contact, Automotive Terminals, Pin, Pin
 Diameter .04 in [1.02 mm], 20 AWG Wire Size, .52 mm² Wire Size,
 Locking On the Terminal

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Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal Type: **Pin**

Mating Pin Diameter: 1.02 mm [.04 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .52 mm²

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

Features

Product Type Features

| | |
|-------------------------|-----------------|
| Sealable | No |
| Primary Locking Feature | On the Terminal |

Contact Features

| | |
|---|------------------|
| Contact Size Code | 20 |
| Contact Fabrication | Screw Machine |
| Typical Current Rating | 7.5 A |
| Crimp Type | Indent |
| Terminal Type | Pin |
| Mating Pin Diameter | 1.02 mm [.04 in] |
| Interface Plating | Nickel (Ni) |
| Contact Termination Area Plating Material | Nickel (Ni) |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire |

Dimensions

| | |
|------------------|---------------------|
| Wire Size | .52 mm ² |
| Wire Size Search | 20 AWG |



Usage Conditions

| | |
|-----------------------------|--|
| Insulation Requirement | Uninsulated |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F] |
| Operating Temperature Range | -55 – 125 °C [-67 – 257 °F] |

Operation/Application

| | |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Box |
| 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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 Part # CAT-ST858-CH8172
DEUTSCH STRIKE HOUSINGS



TE Part # 2372208-1
SDE HDT-1561-NG DEUTSCH 16-20AWG ASSY



TE Part # CAT-D485-CH8172
DEUTSCH DTM HOUSINGS



TE Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Part # CAT-D799-CH8172
DEUTSCH DRC HOUSINGS



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 HOUSINGS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



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



TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors



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



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



TE Part # HDT-50-00
CRIMP TOOL



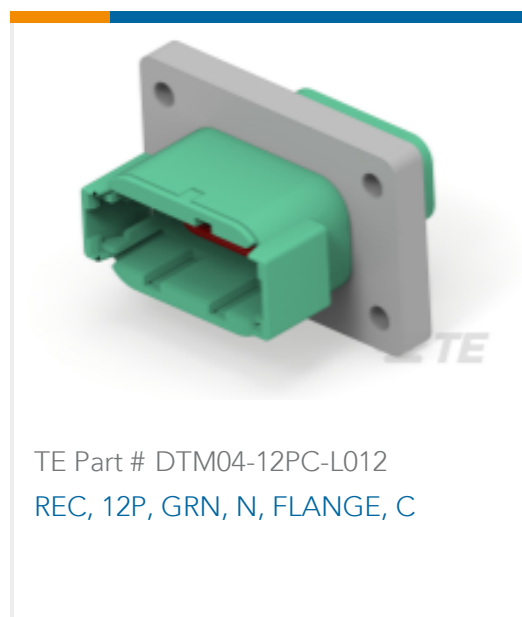
TE Part # DTM04-08PC
REC, 8P, GRN, N, C



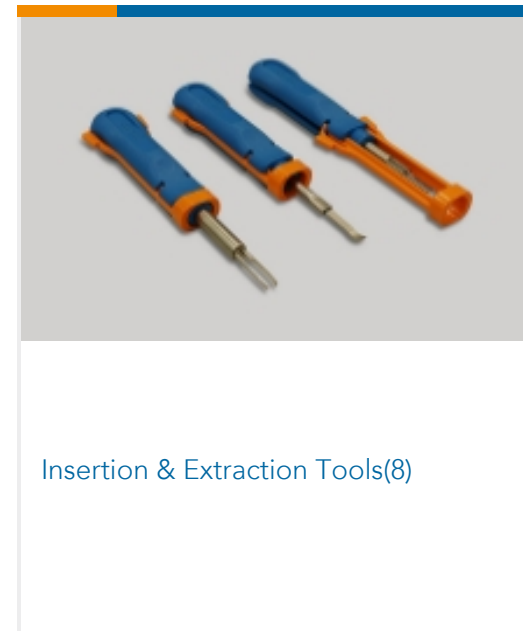
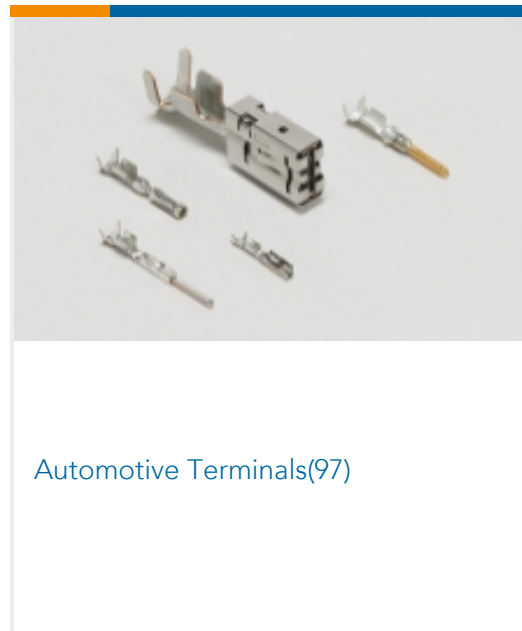
TE Part # 400-414DA-20N
SZ 20 DIE ASM



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



Also in the Series | DEUTSCH Common Contact



Customers Also Bought



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

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English

Product Environmental Compliance

[MD_0460-202-20141_01242018748_dmtec](#)

English

[MD_0460-202-20141_01242018748_dmtec](#)

English