

WIN*SOURCE*
ELECTRONICS

THE DATASHEET OF
0460-220-1231



0460-220-1231 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0460-220-1231

Pin Terminal, Palladium Nickel (PdNi), 2.4 mm [.094 in] Pin Diameter, 12 – 14 AWG, 3 – 2 mm² Wire, Terminates To Wire, DEUTSCH Common Contact

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Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: Pin

Interface Plating: Palladium Nickel (PdNi)

Mating Pin Diameter: 2.4 mm [.094 in]

Terminal Transmits: 25 – 40 A (Power)

Wire Size: 12 – 14 AWG

[All DEUTSCH Solid Contacts \(46\)](#)

Features

Operation/Application

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

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Carrier |
|------------------|---------|

| | |
|--------------------|------|
| Packaging Quantity | 1250 |
|--------------------|------|

Usage Conditions

| | |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

| | |
|-----------------------------|----------------|
| Operating Temperature (Max) | 150 °C[302 °F] |
|-----------------------------|----------------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|-----------------------------|----------------------------|

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

| | |
|-----------------------|------|
| Product Terminates To | Wire |
|-----------------------|------|

Product Type Features



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

Other

| | |
|----------------------------|---------------------------|
| Customer Preferred Contact | Yes |
| Terminal Transmits | 25 – 40 A (Power) |
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance | Compliant |

Contact Features

| | |
|--|-------------------------|
| Typical Current Rating | 25 A |
| Crimp Type | Indent Crimp |
| Contact Size | Size 12 |
| Contact Fabrication | Solid |
| Wire Contact Termination Area Plating Material | Gold |
| Terminal Type | Pin |
| Interface Plating | Palladium Nickel (PdNi) |
| Mating Pin Diameter | 2.4 mm [.094 in] |

Dimensions

| | |
|------------------|---|
| Wire Size | 3 – 2 mm ² |
| Wire Size Search | 2.5 mm ² , 2 mm ² , 3 mm ² |

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 |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (1% 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

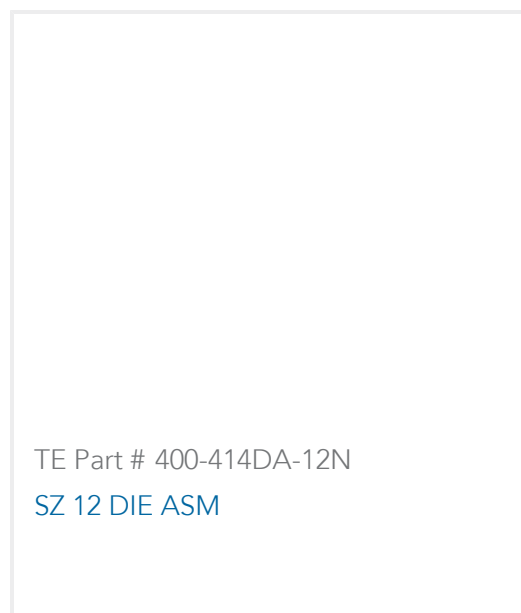
Solder Process Capability

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>

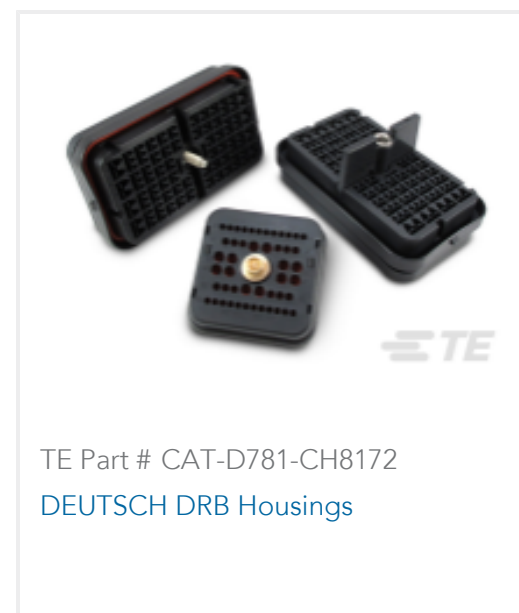
Compatible Parts



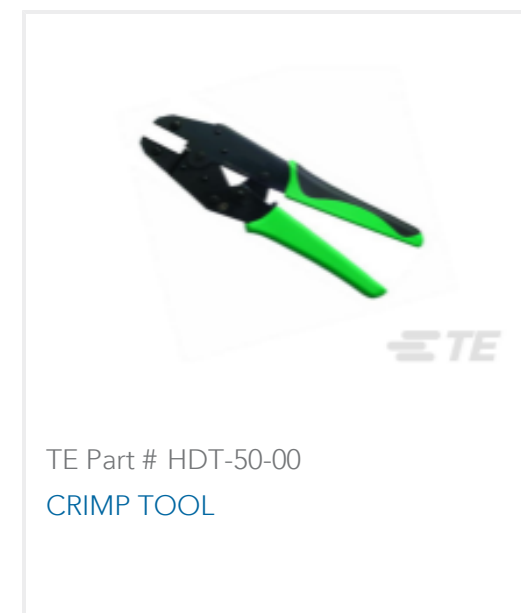
TE Part # 400-414DA-12N
SZ 12 DIE ASM



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings



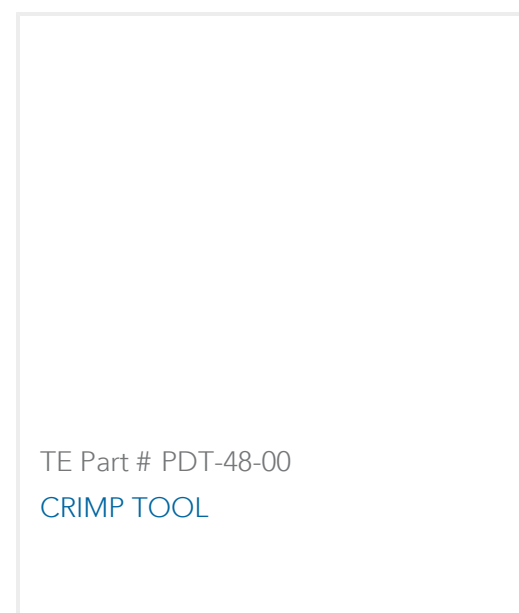
TE Part # HDT-50-00
CRIMP TOOL



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



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



TE Part # PDT-48-00
CRIMP TOOL



TE Part # 1062-12-0144
SOC, SF, SIZE 12, 12-14, AU/SN



TE Part # JS-12-00
JIFFY SPLICE, size 12



TE Part # 1062-12-0244
SOC, SF, SIZE 12, 10, AU/SN



TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings



TE Part # HDP-400
POWER CRIMPER




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

TE Part # 2301337-1
HDP24-24-91PE-P064, REC, 9P, E,8/12 /16,P



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings

TE Part # 450GA-12N
GA-12N068 GAUGE SZ12 GO-NO-GO
HDP-400

TE Part # HDP24-24-21PE-9974
REC, 21P, BLK, E, 12/16, P

TE Part # 400-4301-12S
SZ 12 LOCATOR

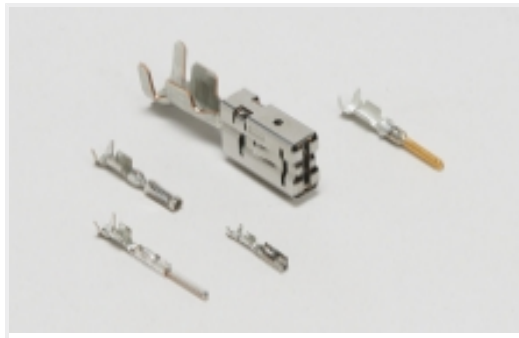


TE Part # CAT-D48-PCH8172
DEUTSCH DTHD Housings

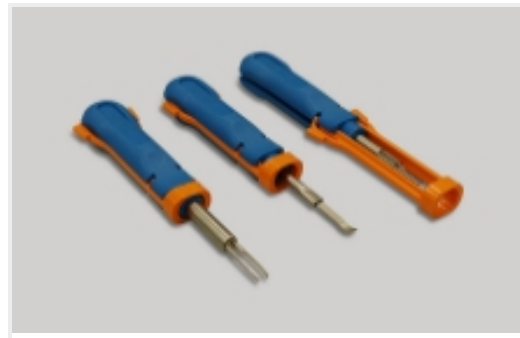


TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings

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



Automotive Terminals(129)



Insertion & Extraction Tools(8)

Customers Also Bought



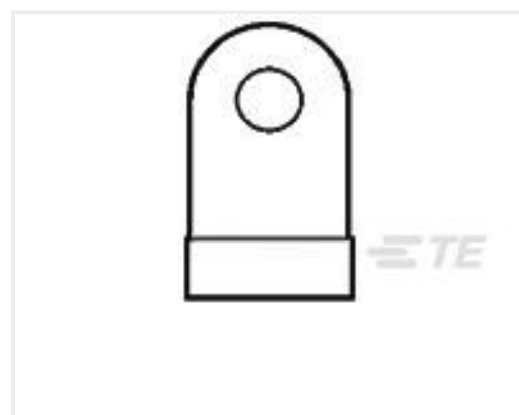
TE Part #1-1393212-7
T92S7D22-24



TE Part #T4111502021-000
M12,MALE,STRAIGHT,D CODE,2P,
PG9,GOLD



TE Part #T4131512021-000
M12,REAR MOUNT,FEMALE,D,2P,
SOLDER WIRE



TE Part #321582
TERMINAL,SOLIS FLAG R 2/0 5/16



TE Part #208480-1
CMC PLUG ASSEMBLY,SZ 28



TE Part #5-1437624-7
PKG100B1/4=KNOB PLASTIC 1/4 LE



TE Part #K1125605
Battery Disconnecter 35-224-131-S-900



TE Part #CAT-CAPS0058
J1939 CANbus String Potentiometer



Documents

Product Drawings

[PIN, SOLID, SIZE 12,12-14AWG, AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_0460-220-1231_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-220-1231_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-220-1231_B.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

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[TE Connectivity Information](#)

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