



Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS



Terminal Type: Pin

Mating Pin Diameter: 2.39 mm [.094 in]

Terminal Transmits: 25 – 40 A (Power)

Wire Size: 2.08 – 3.31 mm²

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

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Contact Features

Contact Size	Size 12
Contact Fabrication	Screw Machine
Typical Current Rating	25 A
Crimp Type	Indent
Terminal Type	Pin
Mating Pin Diameter	2.39 mm[.094 in]
Interface Plating	Palladium Nickel (PdNi)
Contact Termination Area Plating Material	Palladium Nickel (PdNi)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
Dimensions	
Wire Size	2.08 – 3.31 mm²
Wire Size Search	12 AWG, 13 AWG, 14 AWG
Usage Conditions	
Insulation Option	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	1250
Other	
Customer Preferred Contact	Yes
Terminal Transmits	25 – 40 A (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
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% 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-H3930-CH8172 DEUTSCH HD30 HOUSINGS	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD HOUSINGS	 TE Part # CAT-D781-CH8172 DEUTSCH DRB HOUSINGS	 TE Part # CAT-D486-CH8172 DEUTSCH DTP HOUSINGS
 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 HOUSINGS	 TE Part # HDT-50-00 CRIMP TOOL	 TE Part # CAT-D799-CH8172 DEUTSCH DRC HOUSINGS	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 HOUSINGS
 TE Part # JS-12-00 JIFFY SPLICE, size 12	 TE Part # 0462-210-1231 SOC, SOLID, SIZE 12, 12-14AWG, AU	 TE Part # CAT-D48-SFT273 DEUTSCH STAMPED & FORMED CONTACTS	 TE Part # HDP26-24-16PN-L017 PLG, 16P, BLK, N, RNG, 12, P





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



TE Part # HDP24-24-21PE-L015
REC, 21P, BLK, E, THD, 12/16, P



TE Part # HDP24-24-19PE-L015
REC, 19P, BLK, E, THD, 12/16, P



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



TE Part # HDP-400
POWER CRIMPER



TE Part # HDP24-24-14PE-L017
REC, 14P, BLK, E, RNG, 4/12/16, P



TE Part # HDP24-24-14PN-L015
REC, 14P, BLK, N, THD, 4/12/16, P



TE Part # HDP24-24-14PN-L017
REC, 14P, BLK, N, RNG, 4/12/16, P

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



Automotive Terminals(98)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #726344-1
SO-RINGZUNGE D46234



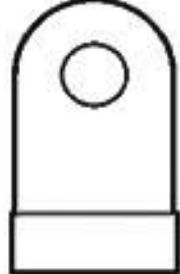
TE Part #WP-4P
WEDGE LOCK, 4P, REC, ORG, DTP



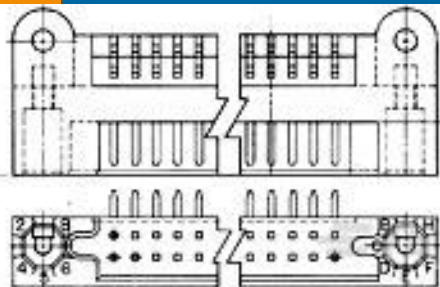
TE Part #0460-202-1631
DEUTSCH SOLID CONTACTS



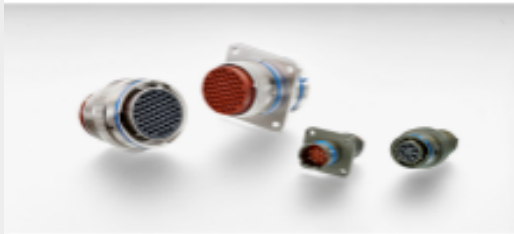
TE Part #K1060265
Power Relay, 75A, Standard, Monostable, DC



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



TE Part #530942-2
2 ROW BOX PIN 40 POS R/A



TE Part #YAFD50-14-12SNC127
RECP ASSY



TE Part #1-1103637-1
HE.10.BU.S



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

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English