



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: Pin

Wire Size: 12 – 14 AWG

Interface Plating: Palladium Nickel (PdNi)

Primary Locking Feature: Integrated in Housing

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

Features

Product Type Features

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

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]

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	12 – 14 AWG
Wire Size Search	2 mm², 2.5 mm², 3 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Carrier
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>

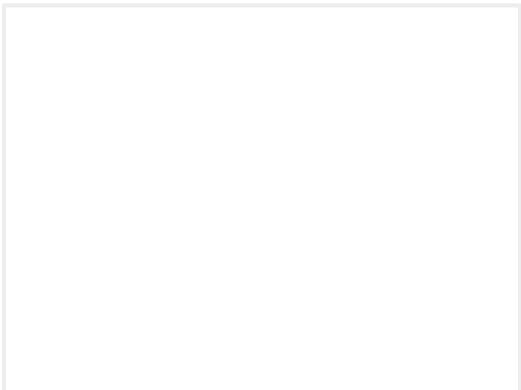
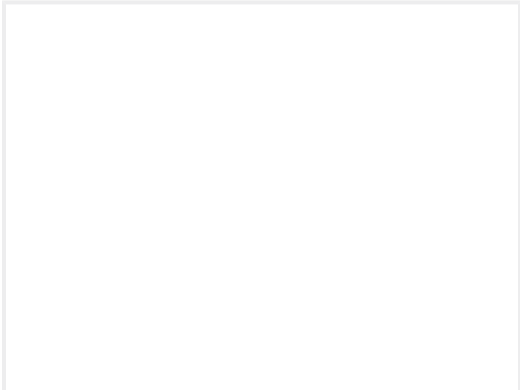
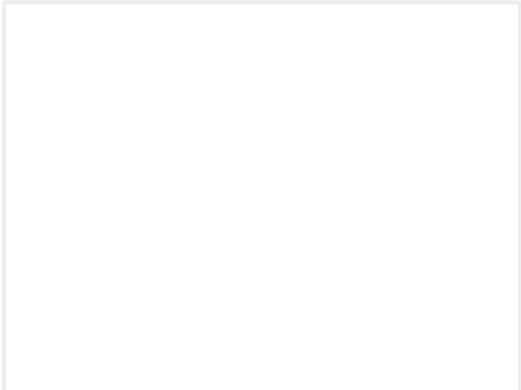
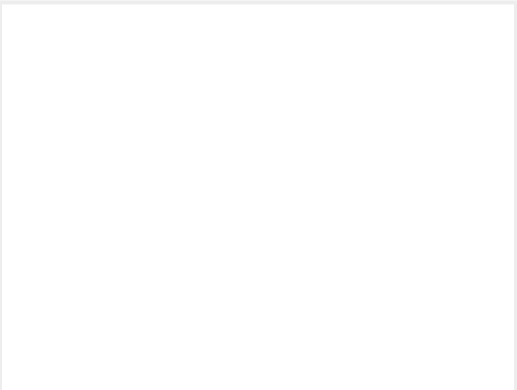
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1% in 12558822690) 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



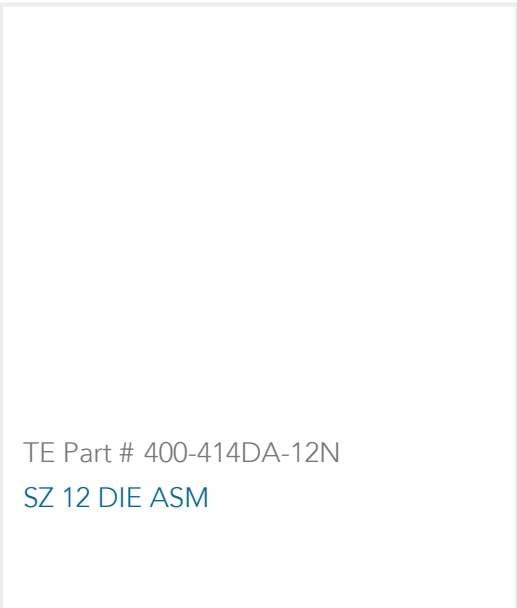
Product Compliance Disclaimer

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 # 0462-210-1231 SOC, SOLID, SIZE 12, 12-14AWG, AU	 TE Part # 400-4301-12S SZ 12 LOCATOR	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings
 TE Part # HDP24-24-21PE-9974 REC, 21P, BLK, E, 12/16, P	 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 # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 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 # 400-414DA-12N
SZ 12 DIE ASM



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



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



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



TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings



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



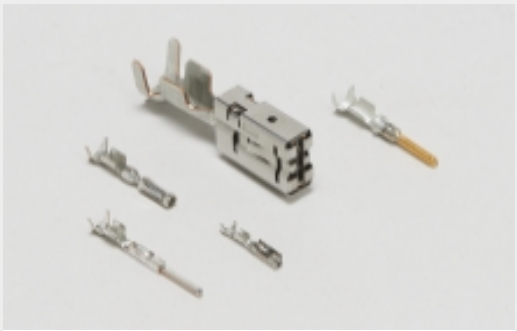
TE Part # HDP-400
POWER CRIMPER



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

Also in the Series

DEUTSCH Common Contact



Automotive Terminals(127)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #821051-000
381A015-4/42-0



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



TE Part #776297-1
ASSEMBLY SOCKET LOOSE PC GOLD



TE Part #HD10-5-GKT
GASKET, 5SZ, BLK, HD10



TE Part #2292802-3
AS16,PLUG BACKSHELL KIT,ST,12P,
NC16



TE Part #0460-256-12233
PIN, SOLID, SIZE 12,16-18AWG,PD/NI
/AU



TE Part #CAT-AL6-KSPR2975
Power Relay, 75A, Standard,
Monostable, DC



TE Part #DTP04-2P
REC, 2P, GRY, N



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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English