



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**
Mating Pin Diameter: **2.4 mm [.094 in]**
Terminal Transmits: **25 – 40 A (Power)**
Wire Size: **3 – 2 mm²**

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

Features

Product Type Features

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

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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



Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	1250
Packaging Method	Crate

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.5% 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

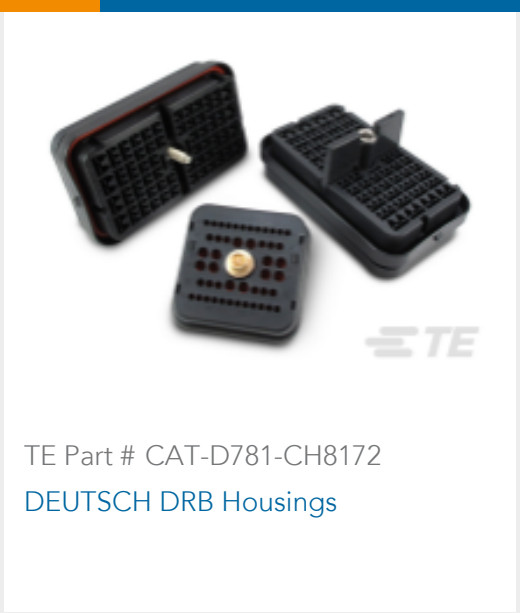
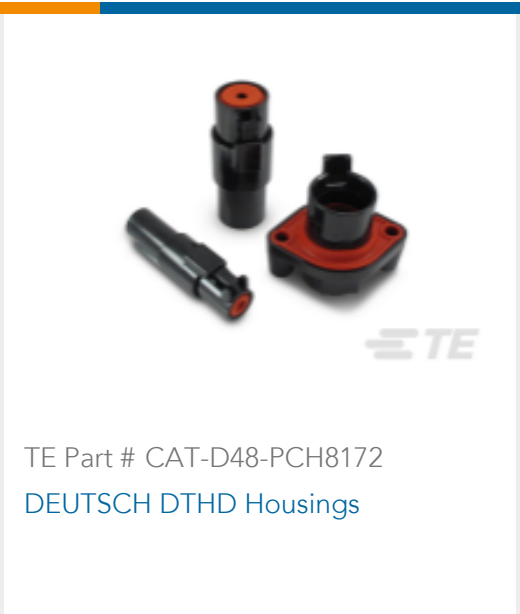
Product Compliance Disclaimer

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-H396-CH8172 DEUTSCH HDP20 Housings	TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	TE Part # CAT-D486-CH8172 DEUTSCH DTP Housings
			
TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings	TE Part # JS-12-00 JIFFY SPLICE, size 12	TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts
			
TE Part # HDT-48-00 CRIMP TOOL, HAND	TE Part # HDT-50-00 CRIMP TOOL	TE Part # 1060-12-0222 PIN, SF, SIZE 12, 10, NI/NI	TE Part # DRCP28-86SB PLG, 86P, BLK, 12/20, B
			
TE Part # DRCP28-86SC PLG, 86P, BLK, 12/20, C	TE Part # HDP-400 POWER CRIMPER	TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings	TE Part # DRCP28-86SA PLG, 86P, BLK, 12/20, A





TE Part # 1060-12-0166
PIN, SF, SIZE 12, 12-14, NI/SN



TE Part # 1060-12-0222-PS
PIN, SF, SIZE 12, 10, NI/NI, 100 PC



TE Part # DRCP26-126SA
PLG, 126P, BLK, 12/20, A



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

Also in the Series

DEUTSCH Common Contact



Automotive Terminals(91)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #DTP04-2P
DEUTSCH DTP Housings



TE Part #WP-2P
DEUTSCH DTP Wedgelocks



TE Part #0462-209-16141
DEUTSCH Solid Contacts

Documents

Product Drawings

SOC, SOLID, SIZE 12, 12-14AWG, NI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0462-203-12141_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0462-203-12141_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0462-203-12141_E.3d_stp.zip



English

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English