

0462-201-16141 ✓ ACTIVE

DEUTSCH | DEUTSCH Common Contact

TE Internal #: 0462-201-16141

Socket, Pin Diameter 1.59 mm [.062 in], 16 – 20 AWG Wire Size, .5 – 1.5 mm² Wire Size, DEUTSCH Common Contact, Automotive Terminals

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**

Mating Pin Diameter: 1.59 mm [.062 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .5 – 1.5 mm²

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

Features

Operation/Application

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

Packaging Features

Packaging Method	Box
Packaging Quantity	2500

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)



EU RoHS Compliance	Compliant with Exemptions
--------------------	---------------------------

EU ELV Compliance	Compliant with Exemptions
-------------------	---------------------------

Contact Features

Typical Current Rating	13 A
------------------------	------

Crimp Type	Indent
------------	--------

Contact Size	Size 16
--------------	---------

Contact Fabrication	Solid
---------------------	-------

Wire Contact Termination Area Plating Material	Nickel
--	--------

Terminal Type	Socket
---------------	--------

Mating Pin Diameter	1.59 mm [.062 in]
---------------------	-------------------

Interface Plating	Nickel (Ni)
-------------------	-------------

Dimensions

Wire Size	.5 – 1.5 mm ²
-----------	--------------------------

Wire Size Search	1 mm ² , .5 mm ² , 1.5 mm ² , .75 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 with Exemptions
-----------------------------	---------------------------

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
---	--------------------------------------

EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Pb (1.2% in Component Part)</p>
--	--

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



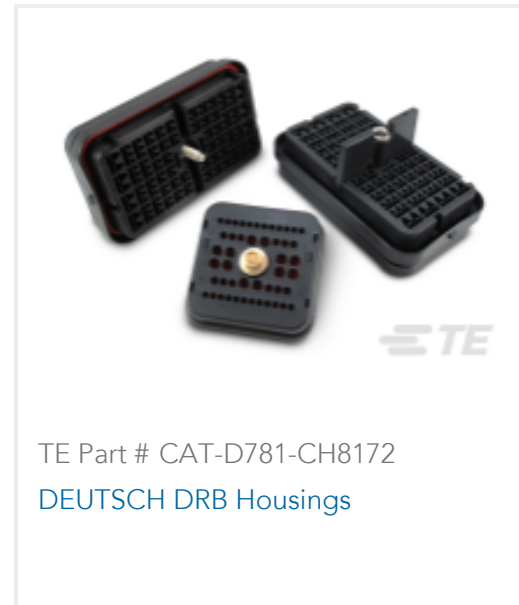
TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings



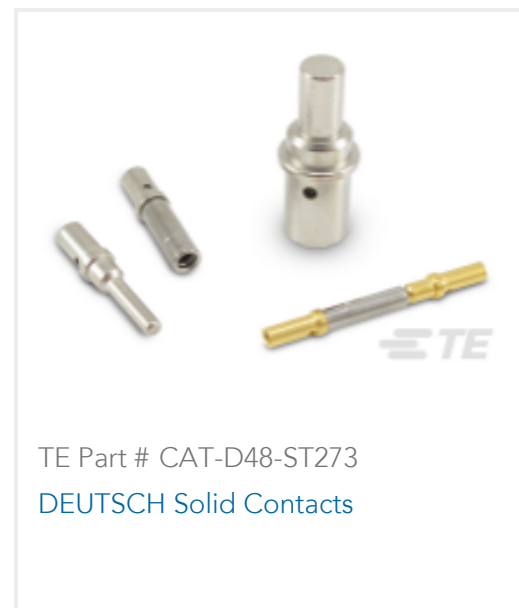
TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part # CAT-ST858-CH8172
DEUTSCH Strike Housings



TE Part # JS-16-00
JIFFY SPLICE, Size 16



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-J41-DDSCC
DEUTSCH DT Snap Cap Connectors



TE Part # 2298287-1
DTM06-4S-E003, PLG, 4P, GRY, N, CAP



TE Part # CAT-J41-DDCC
DEUTSCH DT Color Connectors



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



TE Part # HDT-50-00
CRIMP TOOL



TE Part # DT06-4S-E005
PLG, 4P, BLK, N, CAP



TE Part # DT06-12SB-E008
PLG, 12P, BLK, N, XCAP, B



TE Part # DT06-08SA-E005
PLG, 8P, BLK, N, CAP, A



TE Part # DT06-12SD
PLG, 12P, BRN, N, D

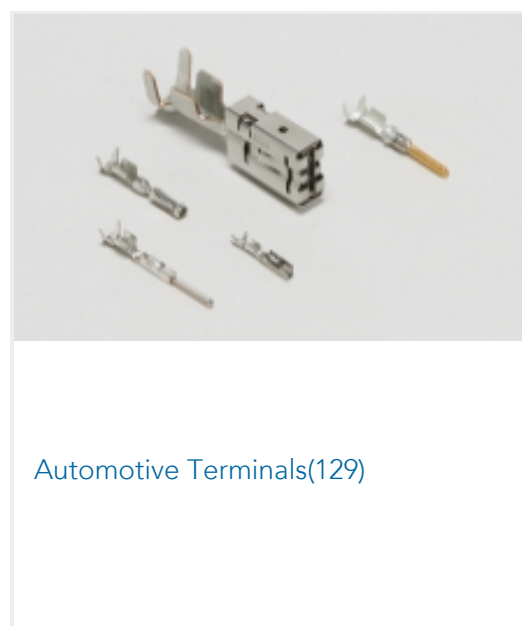


TE Part # DT06-12SA-E008
PLG, 12P, GRY, N, XCAP, A

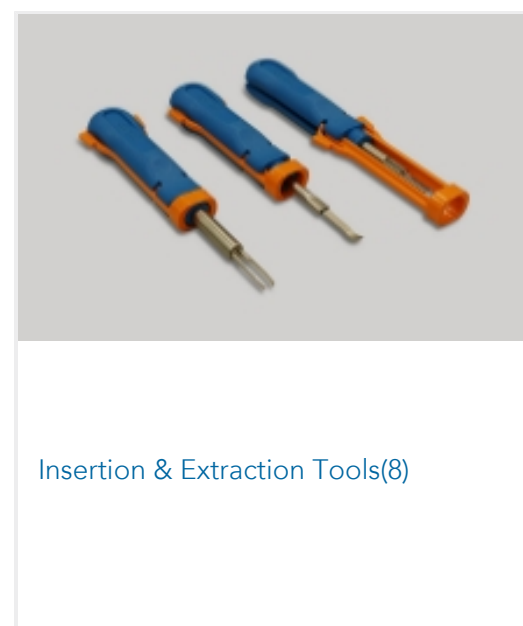


TE Part # DT06-3S-E005
PLG, 3P, BLK, N, CAP

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(129)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #W12S
Wedgelocks: DEUTSCH DT



TE Part #0460-204-12141
DEUTSCH Solid Contacts



TE Part #DT06-6S
PLG, 6P, GRY, N



TE Part #DT06-3S
PLG, 3P, GRY, N



TE Part #DT06-12SA
PLG, 12P, GRY, N, A

Documents

Product Drawings

SOC, SOLID, SIZE 16, 16-20AWG, NI

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_0462-201-16141_1E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-201-16141_1E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-201-16141_1E.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