



Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals > DEUTSCH SOLID CONTACTS



Terminal & Splice Type: Pin

Mating Pin Diameter: 1.5 mm [.059 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .5 – 1.5 mm²

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

Features

Product Type Features

Sealable	No
Wire Type	Copper

Contact Features

Crimp Type	O-Crimp
Terminal & Splice Type	Pin
Mating Pin Diameter	1.5 mm[.059 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method	Crimp
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Dimensions

Wire Size	.5 – 1.5 mm ²
Wire Size Search	.5 mm ² , .75 mm ² , 1 mm ² , 1.5 mm ²

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Other

Terminal Transmits	0 – 24 A (Low Power)
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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	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Pb (1% in Copper Alloy)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-H396-CH8172
DEUTSCH HDP20
HOUSINGS




TE Part # CAT-H3930-CH8172
DEUTSCH HD30
HOUSINGS



TE Part # CAT-D799-CH8172
DEUTSCH DRC
HOUSINGS



TE Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS



TE Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Part # HDT-1561
CMP HAND SZ 20,16,12
SOLID FIELD SERVICE



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



TE Part # HDT-50-00
CRIMP TOOL




TE Part # HDP-400
POWER CRIMPER



TE Part # CAT-D487-DCH8172
DEUTSCH DT DETECTOR CONNECTOR

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



Automotive, Truck, Bus, &
Off-Road Terminals(89)

Documents

Product Drawings
PIN, SOLID, SIZE 16, 16-20AWG, GOLD
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_0460-202-1631_K.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_0460-202-1631_K.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_0460-202-1631_K.3d_stp.zip
English



Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_0460-202-1631_02012018227_dmtec

English

MD_0460-202-1631_02012018227_dmtec

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