



Terminals & Splices > Automotive Terminals > DEUTSCH SOLID CONTACTS

Terminal Type: **Pin**Mating Pin Diameter: **1.59 mm [.063 in]**Terminal Transmits: **0 – 24 A (Low Power)**Sealable: **No**Primary Locking Feature: **On the Terminal**[All DEUTSCH SOLID CONTACTS \(44\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Contact Features

Contact Size	Size 16
Contact Fabrication	Screw Machine
Typical Current Rating	13 A
Terminal Type	Pin
Mating Pin Diameter	1.59 mm [.063 in]
Interface Plating	Nickel (Ni)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Dimensions

PCB Hole Diameter	1.3 – 1.4 mm [.051 – .055 in]
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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]

Packaging Features

Packaging Method

Package

Packaging Quantity

1

Other

Customer Preferred Contact

Yes

Terminal Transmits

0 – 24 A (Low 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 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: JAN 2022 (223)
 Candidate List Declared Against: JAN 2022 (223)
 SVHC > Threshold:
 Pb (3.7% 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-D487-CH8172
DEUTSCH DT Series Housings & Connectors



TE Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Part # CAT-D799-CH8172
DEUTSCH DRC HOUSINGS




TE Part # CAT-H3910-CH8172
DEUTSCH HD10 HOUSINGS



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS




TE Part # CAT-H396-CH8172
DEUTSCH HDP20 HOUSINGS




TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

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



Automotive Terminals(98)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #HD36-18-14PN-059
PLG,14P,AL,N, CBL CLMP BT, DRAIN, 16,P,MC



TE Part #DT04-12PA-E005
REC, 12P, BLK, N, CAP, A



TE Part #DT15-08PB
DEUTSCH DT HEADERS



TE Part #EEC-325X4A-E016
ENCLOSURE, 3.25 X 4, CLR, VENT

TE Part #2086683-1
H40904B/50

TE Part #7-1866222-1
959.688-20



Documents

Product Drawings

[PIN, SOLID, SIZE 16, EXTENDED PCB, NI](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_0460-244-16141_99_c-0460-244-16141-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-244-16141_99_c-0460-244-16141-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0460-244-16141_99_c-0460-244-16141-99.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English
