



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**
Mating Pin Diameter: **1.59 mm [.062 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Sealable: **No**
Interface Plating: **Nickel (Ni)**

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

Features

Product Type Features

Receptacle Style	180°
Sealable	No

Contact Features

Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Nickel
Typical Current Rating	13 A
Terminal Type	Pin
Mating Pin Diameter	1.59 mm[.062 in]
Interface Plating	Nickel (Ni)

Termination Features

Termination Method to PCB	Through Hole - Solder
Product Terminates To	Printed Circuit Board

Dimensions

PCB Hole Diameter	.89 – .99 mm[.035 – .039 in]
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Usage Conditions

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

Packaging Features

Packaging Quantity	500
Packaging Method	Package

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (1.2% 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-D48-ST273
DEUTSCH Solid Contacts

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

Also in the Series | DEUTSCH Common Contact

Automotive Terminals(91)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #DTF13-12PB
HDR, 12P, BLK, RA, SN/NI/CU, B

TE Part #776430-2
AS16,CAP ASSY,ST,03P,N SEAL,CODE B

TE Part #1011-052-1205
SEAL RET, 12P, GRY, DTM, A

TE Part #DRC20-50P02
DEUTSCH DRC Headers



TE Part #0460-208-2090
PIN, SOLID, SIZE 20, EXTENDED PCB, SN

TE Part #1-1747981-1
Std HDMI, RA, SMT, Panel grd, Flange

TE Part #3-60753-2
.058 DIA PIN TPBR

TE Part #11106896-00
69 inches, H2O, 1/4MNPT, 4-20mA, Conduit

TE Part #GA100K6D96
PRO2-PROBE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0460-208-16141_99_c-0460-208-16141-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0460-208-16141_99_c-0460-208-16141-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0460-208-16141_99_c-0460-208-16141-99.3d_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