



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**

Primary Locking Feature: **Integrated in Housing**

Sealable: **No**

Mating Pin Diameter: **2.4 mm [.094 in]**

Terminal Transmits: **25 – 40 A (Power)**

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

Features

Product Type Features

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

Contact Features

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

Termination Features

Termination Method to PCB	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
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Operating Temperature (Max)	125 °C[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	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 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019790) 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-D486-CH8172
DEUTSCH DTP Housings

TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings

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 # 0462-203-12141
SOC, SOLID, SIZE 12, 12-14AWG, NI

TE Part # CAT-D48-PCH8172
DEUTSCH DTHD Housings

TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings

Also in the Series

DEUTSCH Common Contact

Automotive Terminals(127)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #NB20234001
VERSAFIT-1/8-9-SP

TE Part #1658622-1
10 NOVO MIL/CTR 30DP,LEAD FREE

TE Part #5-102618-5
14 MODII HDR DRST SHRD .100CL

TE Part #3-350819-2
ULTRA-FAST 250 ASY REC 16-14 AWG
TPBR

TE Part #338068-6
MICRO-MATCH FTE, 6P

TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings

TE Part #63824-1
250 FASTON TAB TPBR

TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



Documents

Product Drawings
PIN, SOLID, SIZE 12, EXTENDED PCB, SN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_0460-245-1290_99_c-0460-245-1290-99.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_0460-245-1290_99_c-0460-245-1290-99.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_0460-245-1290_99_c-0460-245-1290-99.3d_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
Application Specification
English

Instruction Sheets
Instruction Sheet (U.S.)
English