



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Pin**

Mating Pin Diameter: **2.39 mm [.094 in]**

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

Sealable: **No**

Primary Locking Feature: **On the Terminal**

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

## Features

### Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

### Contact Features

Contact Size	Size 12
Contact Fabrication	Solid
Typical Current Rating	25 A
Terminal Type	Pin
Mating Pin Diameter	2.39 mm [.094 in]
Interface Plating	Tin (Sn)

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

### Dimensions

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

### 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 Quantity	1
Packaging Method	Package

### 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> 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 # 0462-203-12141  
SOC, SOLID, SIZE 12, 12-14AWG, NI



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings



TE Part # CAT-D486-CH8172  
DEUTSCH DTP Housings



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 #338068-6  
MICRO-MATCH FTE, 6P



TE Part #1-794067-0  
14P MINI UMNL HDR W/DH SN



TE Part #643406-1  
05P UMNL PIN HDR ASSY POL 94VO



TE Part #3-87631-0  
34 MODIV HSG DR MRKD .100 POL



TE Part #1-1437653-3  
6PCV-08-006=6PCV ASSEMBLY



TE Part #103309-2  
014 LOPRO HDR SP 30DP



TE Part #5-532955-3  
20 MODII 2PC CE RCPT ASSY, RoHS



TE Part #2-2213766-1  
AV19 SPL 5A POWER LED WHITE 12V



## 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

[CONNECTOR SELECTOR](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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

English