



Terminals & Splices > Automotive Terminals > DEUTSCH STAMPED & FORMED CONTACTS



Terminal Type: **Socket**
Mating Pin Diameter: **1.59 mm [.063 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **.5 – 1 mm²**

[All DEUTSCH STAMPED & FORMED CONTACTS \(54\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Contact Features

Contact Size	Size 16
Contact Fabrication	Stamped & Formed
Typical Current Rating	13 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1.59 mm[.063 in]
Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.5 – 1 mm²
Wire Size Search	16 AWG, 18 AWG, 20 AWG



Wire Insulation Diameter	1.4 – 2.54 mm[.055 – .1 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, 130 °C, 140 °C, 145 °C, 150 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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) Does not contain REACH SVHC
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

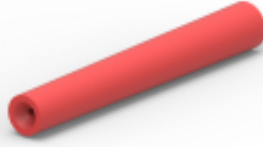
Product Compliance Disclaimer

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-H3930-CH8172 DEUTSCH HD30 HOUSINGS	 TE Part # CAT-D799-CH8172 DEUTSCH DRC HOUSINGS	 TE Part # CAT-D487-CH8172 DEUTSCH DT Series Housings & Connectors	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 HOUSINGS
 TE Part # DTT-16-01 CRIMP TOOL	 TE Part # DTT-16-00 CRIMP TOOL	 TE Part # CAT-D781-CH8172 DEUTSCH DRB HOUSINGS	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 HOUSINGS
 TE Part # CAT-ST858-CH8172 DEUTSCH STRIKE HOUSINGS	 TE Part # CAT-D48-ST273 DEUTSCH SOLID CONTACTS	 TE Part # JS-16-00 JIFFY SPLICE, Size 16	 TE Part # CAT-D48-SFT273 DEUTSCH STAMPED & FORMED CONTACTS
 TE Part # 2266111-1 OCEAN_2.0_APPLICATOR-S-074F052O	 TE Part # 7-2266111-7 OCEAN_2.0_SPARE_PART_KIT-074F052O	 TE Part # HDFB-16-06S MODULE, FEEDBACK, 21P, GRAY, SZ16, SOC	 TE Part # 2-2266110-1 OCEAN_2.0_APPLICATOR-S-074F068O





TE Part # 2-2266110-2
OCEAN_2.0_APPLICATOR-S-074F068OA



TE Part # 2-2266111-1
OCEAN_2.0_APPLICATOR-S-074F052O



TE Part # 2-2266111-2
OCEAN_2.0_APPLICATOR-S-074F052O



TE Part # 2266110-1
OCEAN_2.0_APPLICATOR-S-074F068O

Also in the Series

DEUTSCH Common Contact



Automotive Terminals(98)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #1062-16-0144
DEUTSCH STAMPED & FORMED CONTACTS



TE Part #9858174004
ATUM-16/4-2-SP



TE Part #1011-242-0605
BKSHL, 6P, BLK, REC, RA, NW8.5/10/13



TE Part #5-928918-1
MQS0,63 Sn tab LL unseal. 0,2-0,35



TE Part #1534191-1
MQS BU-GEH EDS 4P



TE Part #2357302-1
BACKSHELL,CONN KIT



TE Part #2357302-2
BACKSHELL,CONN KIT



TE Part #2373921-4
CVTY PLUG,PIN DIA 1.6,CVTY DIA,2.0, GRN

Documents

Product Drawings

SOC, SF, SIZE 16, 16-20, AU/SN

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1062-16-0644_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-16-0644_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-16-0644_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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Agency Approvals

[Agency Approval Document](#)

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