



Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Mating Pin Diameter: **1 mm [.04 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.35 – 1.5 mm²**

Features

Product Type Features

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

Contact Features

Contact Size	Size 20
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Nickel
Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1 mm[.04 in]
Interface Plating	Nickel (Ni)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 2.2 mm[.051 – .085 in]
Wire Size	.35 – 1.5 mm²
Wire Size Search	16 AWG, 18 AWG, 20 AWG, 22 AWG



Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-H396-CH8172
DEUTSCH HDP20 Housings



TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings



TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part # CAT-ST858-CH8172
DEUTSCH Strike Housings



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 1060-20-0144
PIN, SF, SIZE 20, 16-22, AU/SN



TE Part # 1060-20-0244
PIN, SF, SIZE 20, 16-22, AU/SN



TE Part # DRCP28-86SB
PLG, 86P, BLK, 12/20, B



TE Part # DRCP28-86SC
PLG, 86P, BLK, 12/20, C



TE Part # DTMH06-2SD
PLG, 2P, BLK, N, HI TEMP, D



TE Part # DTMH06-4SB
PLG, 4P, BLK, N, HI TEMP, B



TE Part # DTMH06-4SC
PLG, 4P, BLK, N, HI TEMP, C



TE Part # DTT-20-02
CRIMP TOOL



TE Part # 2266120-1
OCEAN_2.0_APPLICATOR-S-069F052O-RSM



TE Part # DRCP28-86SA
PLG, 86P, BLK, 12/20, A



TE Part # DTMH06-4SA
PLG, 4P, BLK, N, HI TEMP, A



TE Part # 2266119-1
OCEAN_2.0_APPLICATOR-S-069F068O-RSM



TE Part # 2266119-2
OCEAN_2.0_APPLICATOR-S-069F068O-RSA



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



Automotive Terminals(91)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #2-1622825-5
RL73K 3A R68 5% 1K REEL



TE Part #1060-20-0244
PIN, SF, SIZE 20, 16-22, AU/SN



TE Part #HC5899
BAT CONNECTOR POS8MM
AUXILLARY MNT



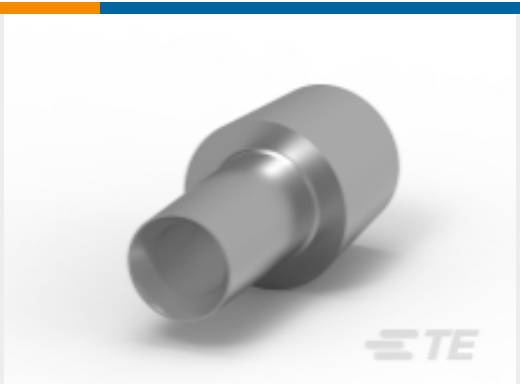
TE Part #HC5901
BATT.POST CLAMP -VE MK.3



TE Part #HC5936
BATTERY LEAD CONN. 70mm +VE



TE Part #DT04-12PA-930C
REC, 12P, BLK, N, SEALED FLANGE, A



TE Part #HC5728
LEAD CONNECTOR 16MM



TE Part #HC5735
50MM2 NECATIVE BAT LEAD 1/4"
UNC THREAD



TE Part #HC5840D
INTEGRAL BATT. POST. DOUBLE
TAPER.



TE Part #AEC16-40SAE
PLG, 40P, BLK, E, A

Documents

Product Drawings

SOC, SF, SIZE 20, 16-22, AU/SN

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1062-20-0244_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-20-0244_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-20-0244_D.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