



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	1.9 – 3.2 mm [.075 – .125 in]
Wire Size	.35 – 1.5 mm ²
Wire Size Search	16 AWG, 18 AWG, 20 AWG, 22 AWG



Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[257 °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 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>

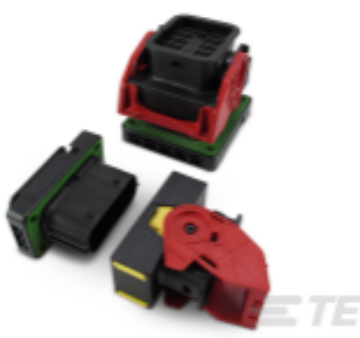
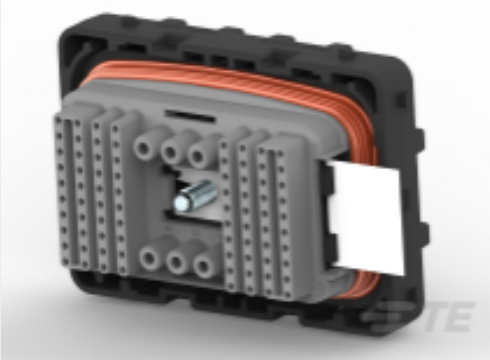
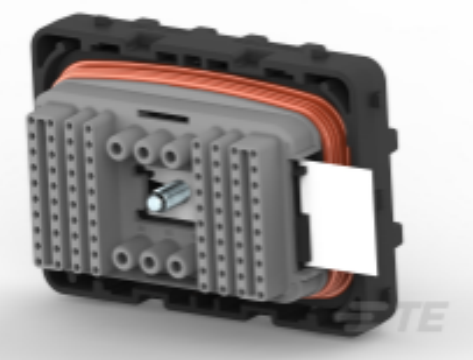
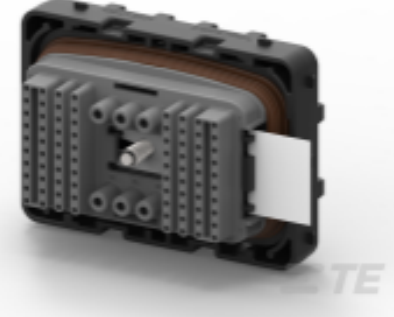
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # DRCP28-86SA PLG, 86P, BLK, 12/20, A	 TE Part # DTMH06-4SA PLG, 4P, BLK, N, HI TEMP, A
 TE Part # 2266116-1 OCEAN_2.0_Applicator-S-069F1100-RSM	 TE Part # 2266116-2 OCEAN_2.0_Applicator-S-069F1100-RSA	 TE Part # 2266117-1 OCEAN-2.0-APPLICATOR-S-069F0900-RSM	 TE Part # 2266117-2 OCEAN-2.0-APPLICATOR-S-069F0900A-RSA



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



[Automotive Terminals\(91\)](#)



[Insertion & Extraction Tools\(8\)](#)

Customers Also Bought



TE Part #1062-16-0722
SOC, SF, SIZE 16, 14-18, NI/SN



TE Part #66255-8
MALE CONTACT ASSY. (STRIP)



TE Part #DTMN06-2S
PLG, 2P, BLK, N, NON-ENVIR



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



TE Part #1062-20-0377
SOC, SF, SIZE 20, 16-22, SLEVLESS, SN /SN



TE Part #2-35108-1
TERMINAL,PIDG R 12-10 8



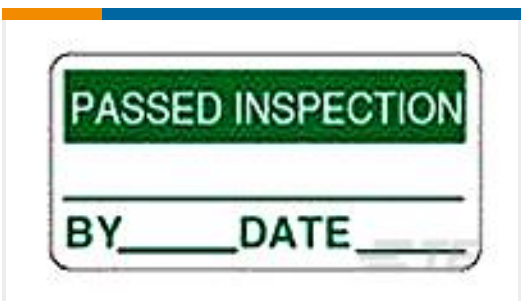
TE Part #2-1579007-0
EXTRACTION TOOL



TE Part #2103149-4
PLUG, HVIL ONLY, KEY D, HVA280-2PHI



TE Part #925595-2
MINI-SPRING RECPT.



TE Part #1878644-5
MAM115

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1062-20-0344_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-20-0344_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-20-0344_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English