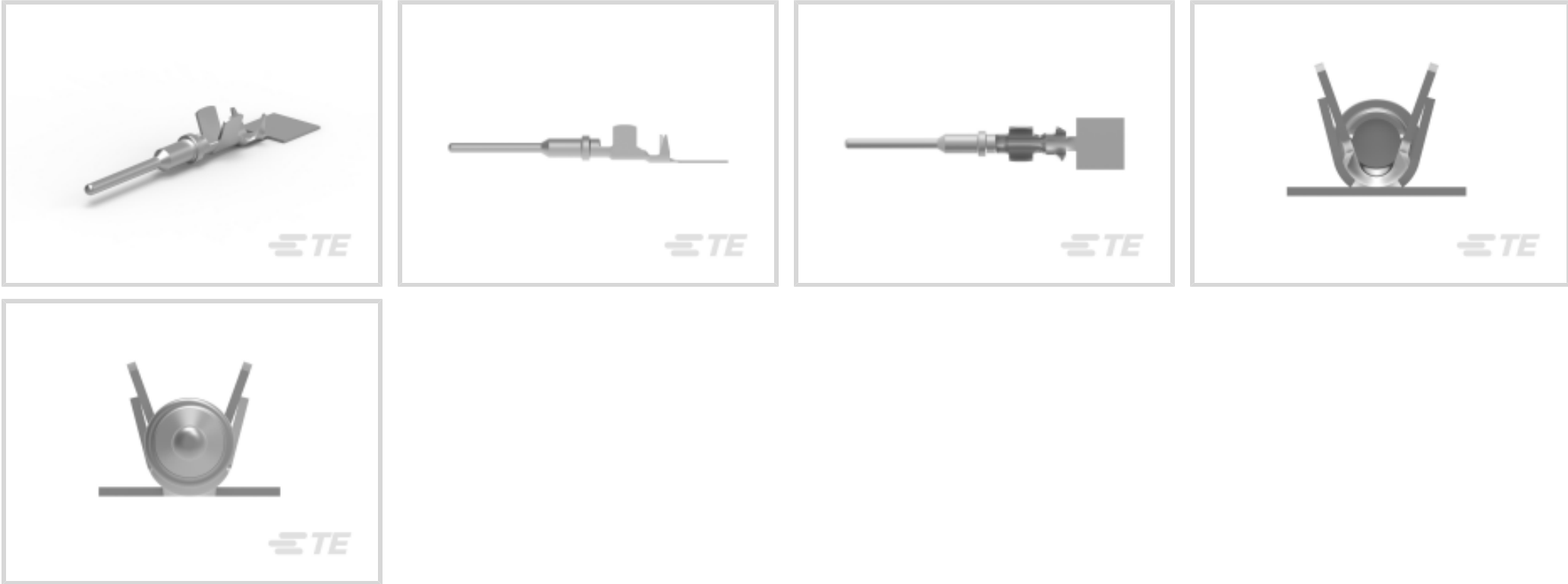




Terminals & Splices > Automotive Terminals



Terminal Type: Pin

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	Tin
Typical Current Rating	7.5 A
Crimp Type	F-Crimp
Terminal Type	Pin
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	Uninsulated
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °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

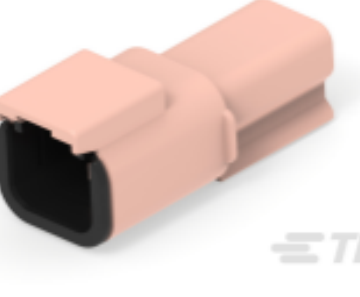
Product Compliance Disclaimer

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-D781-CH8172 DEUTSCH DRB Housings	 TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings
 TE Part # 0462-005-20309 SOC, SOLID, SIZE 20, 16-18AWG, SN	 TE Part # DTM04-08PC REC, 8P, GRN, N, C	 TE Part # 1062-20-0377 SOC, SF, SIZE 20, 16-22, SLEVELESS, SN /SN	 TE Part # 1062-20-0277 SOC, SF, SIZE 20, 16-22, SN/SN
 TE Part # DTM04-3P-R011 REC, 3P, BLK, 90DEG, PANEL	 TE Part # DTMH04-2PD REC, 2P, BLK, N, HI TEMP, D	 TE Part # DTMH04-4PD REC, 4P, BLK, N, HI TEMP, D	 TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings
 TE Part # CAT-ST858-CH8172 DEUTSCH Strike Housings	 TE Part # 2266120-1 OCEAN_2.0_APPLICATOR-S-069F052O-RSM	 TE Part # DTM04-12PA-EE04 REC, 12P, BLK, N, HIGH TEMP, A	 TE Part # 1062-20-0222 SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1-2303064-1
12POS, STAMPED 20, PIN HSG ASSY, SLD, COD 1

TE Part # 1062-20-0177
SOC, SF, SIZE 20, 16-22, SN/SN

TE Part # 1062-20-0677
SOC, SF, SIZE 20, 14-16, SN/SN

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

Also in the Series | DEUTSCH Common Contact

Automotive Terminals(91)

Insertion & Extraction Tools(8)

Customers Also Bought

TE Part #DT04-4P-EP04
REC, 4P, GRY, N, CAP

TE Part #1623797-1
SQZ10 10R 5%

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

TE Part #1-825437-0
MOD 2 PINHDR 1X10P.

TE Part #1062-20-0277
SOC, SF, SIZE 20, 16-22, SN/SN

TE Part #DTM04-12PA-L012
REC, 12P, GRY, N, FLANGE, A

TE Part #1011-030-0205
CLIP, PA66, BLK, T-STUD, ST

TE Part #1062-20-0177
SOC, SF, SIZE 20, 16-22, SN/SN

TE Part #214787-E
EPSVA KS GDM4 EE 6 3,8 SN * STROMVERSORG

TE Part #M7139-05KPG-500000
PRESS XDCR M7139-05KPG-500000



Documents

Product Drawings

PIN, SF, SIZE 20, 16-22, SN/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1060-20-0277_H_c-1060-20-0277-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1060-20-0277_H_c-1060-20-0277-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1060-20-0277_H_c-1060-20-0277-h.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English