

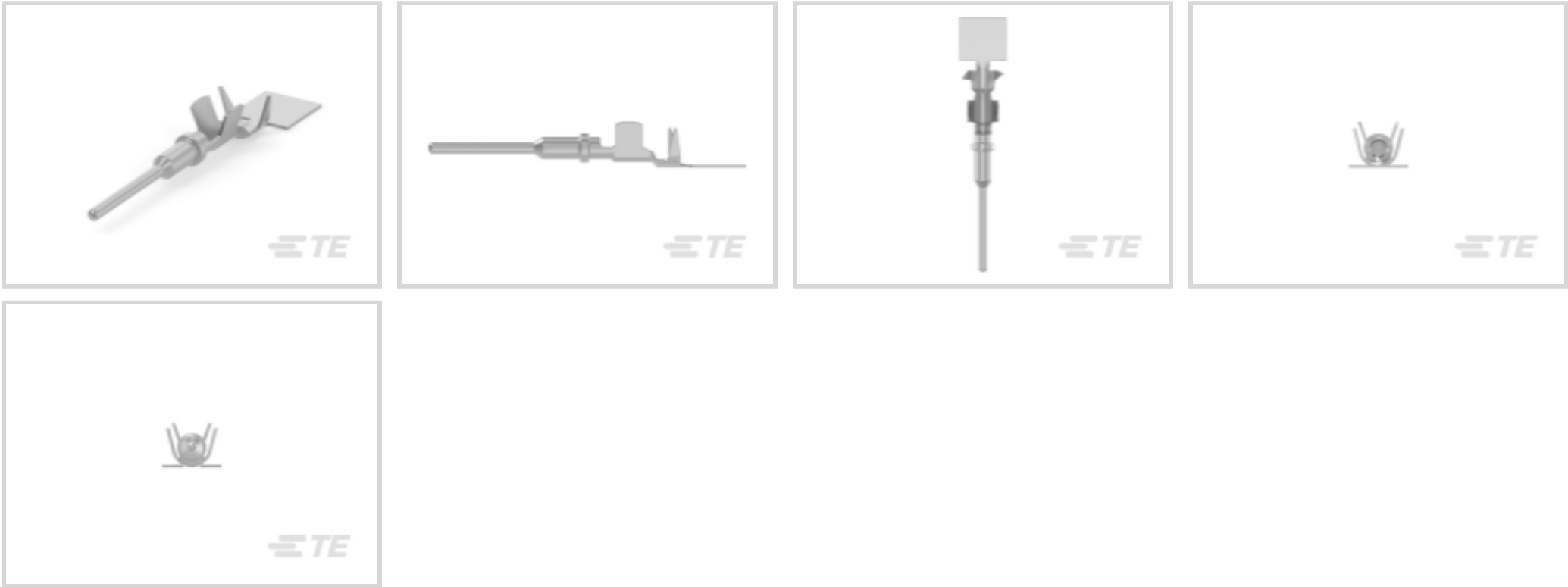


TE Internal #: 1060-20-0177

Pin Terminal, 22 – 16 AWG, .35 – 1.5 mm² Wire, Tin (Sn), 1 mm [.04 in] Pin Diameter, Family Seal or Unsealed, Terminates To Wire

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Terminals & Splices > Automotive Terminals



Terminal Type: **Pin**

Wire Size: **22 – 16 AWG**

Interface Plating: **Tin (Sn)**

Primary Locking Feature: **Integrated in Housing**

Features

Product Type Features

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

Body Features

Terminal Seal Type	Family Seal or Unsealed
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Compatible Insulation Diameter Range	1.9 – 3.2 mm[.075 – .125 in]
Wire Size	22 – 16 AWG
Wire Size Search	.35 mm², .5 mm², .75 mm², 1 mm², 1.5 mm²

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 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 2025 (247) 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 # DTM04-08PD-E018 REC, 8P, BRN, N, HIGH TEMP, D	TE Part # 2266118-1 OCEAN_2.0_APPLICATOR-S-069F080O-RSM	TE Part # CAT-ST858-CH8172 DEUTSCH Strike Housings	TE Part # 5-2266118-1 OCEAN_2.0_APPLICATOR-S-069F080O-RSM
TE Part # 1062-20-0277 SOC, SF, SIZE 20, 16-22, SN/SN	TE Part # 1062-20-0177 SOC, SF, SIZE 20, 16-22, SN/SN	TE Part # 5-2266117-2 OCEAN-2.0-APPLICATOR-S-069F090OA-RSA	TE Part # 7-2266118-8 OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F080O
TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	TE Part # 2391435-2 SDE F PIN/SOCKET 16-18 DIE SET	TE Part # DTM04-12PA-EE04 REC, 12P, BLK, N, HIGH TEMP, A
TE Part # DTMH04-4PC REC, 4P, BLK, N, HI TEMP, C	TE Part # 7-2266118-7 OCEAN_2.0_SPARE_PART_KIT-069F080O	TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	TE Part # YDTM04-08PB-L02500 REC, 8P, BLK, N, FLANGE, B



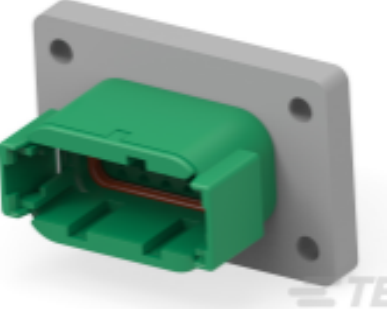
TE Part # DTM04-08PD-E005
[REC, 8P, BLK, N, CAP, D](#)



TE Part # DTM04-12PD-E005
[REC, 12P, BLK, N, CAP, D](#)



TE Part # 2266118-2
[OCEAN_2.0_APPLICATOR-S-069F0800A-RSA](#)



TE Part # DTM04-12PC-L012
[REC, 12P, GRN, N, FLANGE, C](#)

Customers Also Bought



TE Part #DTM8S-BT-BK
[BOOT, 8P, PLG, ST, BLK](#)



TE Part #CAT-J67-DSCC16
[DEUTSCH Size 16 Crimp Contacts](#)



TE Part #1011-236-0405
[BKSHL, 4P, BLK, PLG, RA, NW6/7.5/8.5/10](#)



TE Part #DT06-4S-E005
[PLG, 4P, BLK, N, CAP](#)



TE Part #DTM04-08PB
[REC, 8P, BLK, N, B](#)



TE Part #1062-20-0177
[SOC, SF, SIZE 20, 16-22, SN/SN](#)



TE Part #3-31173-3
[BUDG R 22-16COMM 22-18MIL 5/16](#)



TE Part #HDP26-24-35SE
[PLG, 35P, BLK, E, 16/20, S](#)



TE Part #8-34151-1
[PG R 22-16 COMM 22-18 MIL 5/16](#)

Documents

Product Drawings

[PIN, SF, SIZE 20, 16-22, SN/SN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1060-20-0177_J_c-1060-20-0177-j.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1060-20-0177_J_c-1060-20-0177-j.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1060-20-0177_J_c-1060-20-0177-j.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[DEUTSCH HD30 & HDP20 CONNECTOR SERIES](#)

English

Product Specifications

[Application Specification](#)

English