

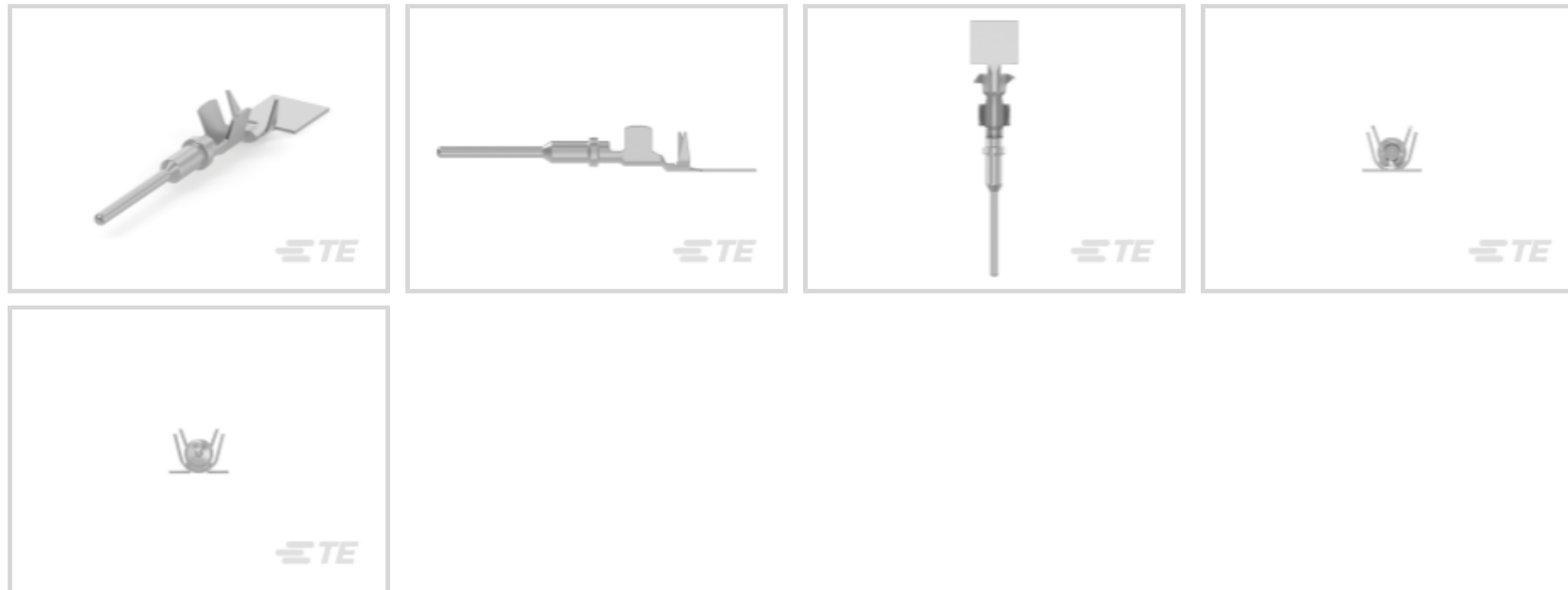


TE Internal #: 1060-20-0177

Pin, Pin Diameter 1 mm [.04 in], 22 – 16 AWG Wire Size, .35 – 1.5 mm<sup>2</sup> Wire Size, Nickel (Ni) Interface Plating, Automotive Terminals

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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 mm<sup>2</sup>**

## 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	1.9 – 3.2 mm [.075 – .125 in]
Wire Size	.35 – 1.5 mm <sup>2</sup>
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-ST858-CH8172  
DEUTSCH Strike Housings



TE Part # DTM04-12PA-EE04  
REC, 12P, BLK, N, HIGH TEMP, A



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



## Customers Also Bought



## 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.

**Product Specifications**

[Application Specification](#)

English