



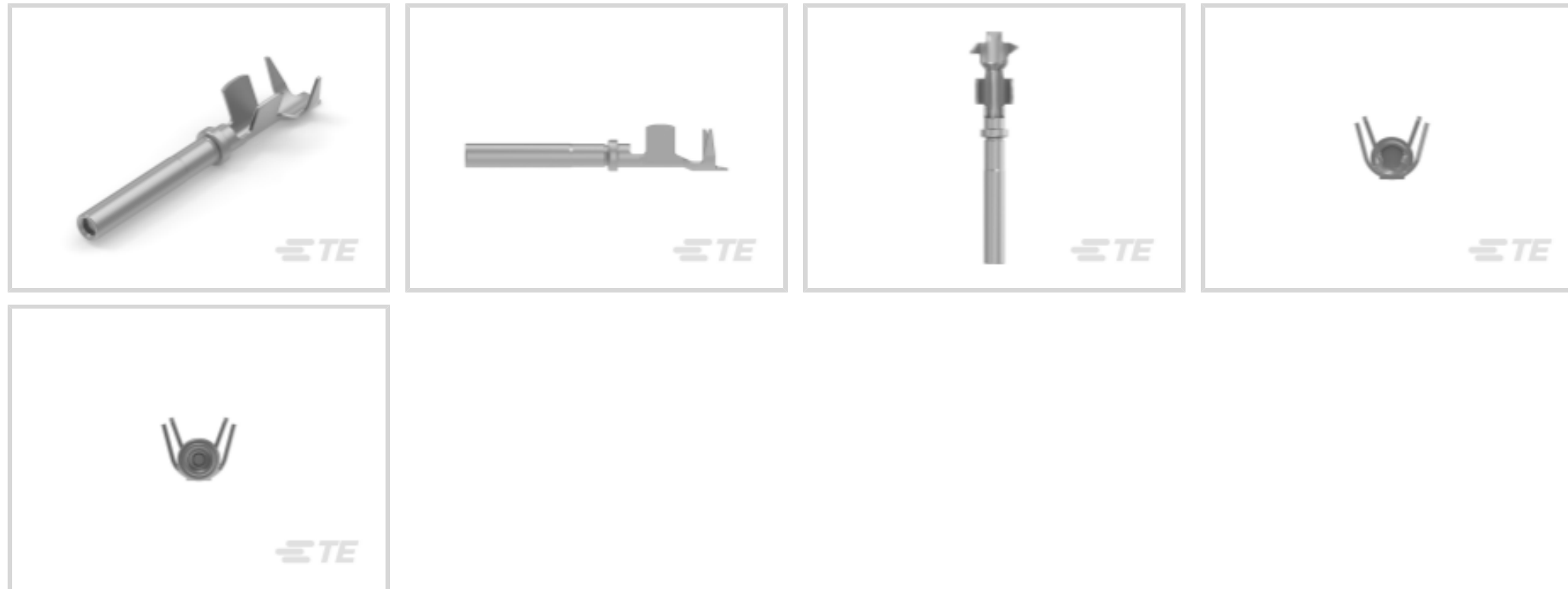
enetSEAL+

TE Internal #: 1062-20-0177

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

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Interface Plating: **Nickel (Ni)**

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

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

Wire Size: **22 – 16 AWG**

Features

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

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

Dimensions

Compatible Insulation Diameter Range	1.9 – 3.2 mm [.075 – .125 in]
Wire Size	.35 – 1.5 mm ²
Wire Size Search	1 mm ² , .35 mm ² , .5 mm ² , 1.5 mm ² , .75 mm ²

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Socket
Interface Plating	Nickel (Ni)
Mating Pin Diameter	1 mm [.04 in]

Body Features

Terminal Seal Type	Family Seal or Unsealed
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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

<p>TE Part # DRC26-40SC-PL01 PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, C</p>	<p>TE Part # DRC26-24SC-P017 PLG, 24P, BLK, N, SS CLIP, A</p>	<p>TE Part # DRC26-40SA-PL01 PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, A</p>	<p>TE Part # DRC26-50S03-C027 PLG, 50P, BLK, N, SPECIAL GROMMET, 03</p>
<p>TE Part # DRC26-24SD-P017 PLG, 24P, BLK, N, SS CLIP, A</p>	 <p>TE Part # 5-2266116-2 OCEAN_2.0_Applicator-S-069F1100-RSA</p>	 <p>TE Part # 2266116-1 OCEAN_2.0_Applicator-S-069F1100-RSM</p>	 <p>TE Part # 1060-20-0277 PIN, SF, SIZE 20, 16-22, SN/SN</p>
 <p>TE Part # 1060-20-0177 PIN, SF, SIZE 20, 16-22, SN/SN</p>	 <p>TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings</p>	 <p>TE Part # DTMH06-4SB PLG, 4P, BLK, N, HI TEMP, B</p>	<p>TE Part # DRC26-24SC PLG, 24P, BLK, N, C</p>



TE Part # DRC26-50S08-C027
PLG, 50P, BLK, N, SPECIAL GROMMET, 08

KIT
REPRESENTATION ONLY

TE Part # 7-2266117-7
OCEAN_2.0_SPARE_PART_KIT-069F0900

TE Part # 5-2266117-1
OCEAN-2.0-APPLICATOR-S-069F0900-RSM

TE Part # DRC26-40SB-P017
PLG, 40P, BLK, N, SS CLIP, B

TE Part # DRC26-40SD-P017
PLG, 40P, BLK, N, SS CLIP, D

TE Part # 2266117-1
OCEAN-2.0-APPLICATOR-S-069F0900-RSM

KIT
REPRESENTATION ONLY

TE Part # 7-2266116-8
OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F1100

KIT
REPRESENTATION ONLY

TE Part # 7-2266117-8
OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F0900

Customers Also Bought

TE Part #1028-015-1205
BKSHL, 12P, BLK, PLG, ST, NW 13/17

TE Part #OR-SMA-R
Rubber O-Ring SMA Connectors RoHS

TE Part #20009605-15
FX293X-100A-0100-L

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

TE Part #7-967288-1
134pos hybrid MQS .63 header 90deg

TE Part #1-1743282-2
8POS MQS REC COD B

TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part #1060-20-0177
PIN, SF, SIZE 20, 16-22, SN/SN

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1062-20-0177_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1062-20-0177_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1062-20-0177_D.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