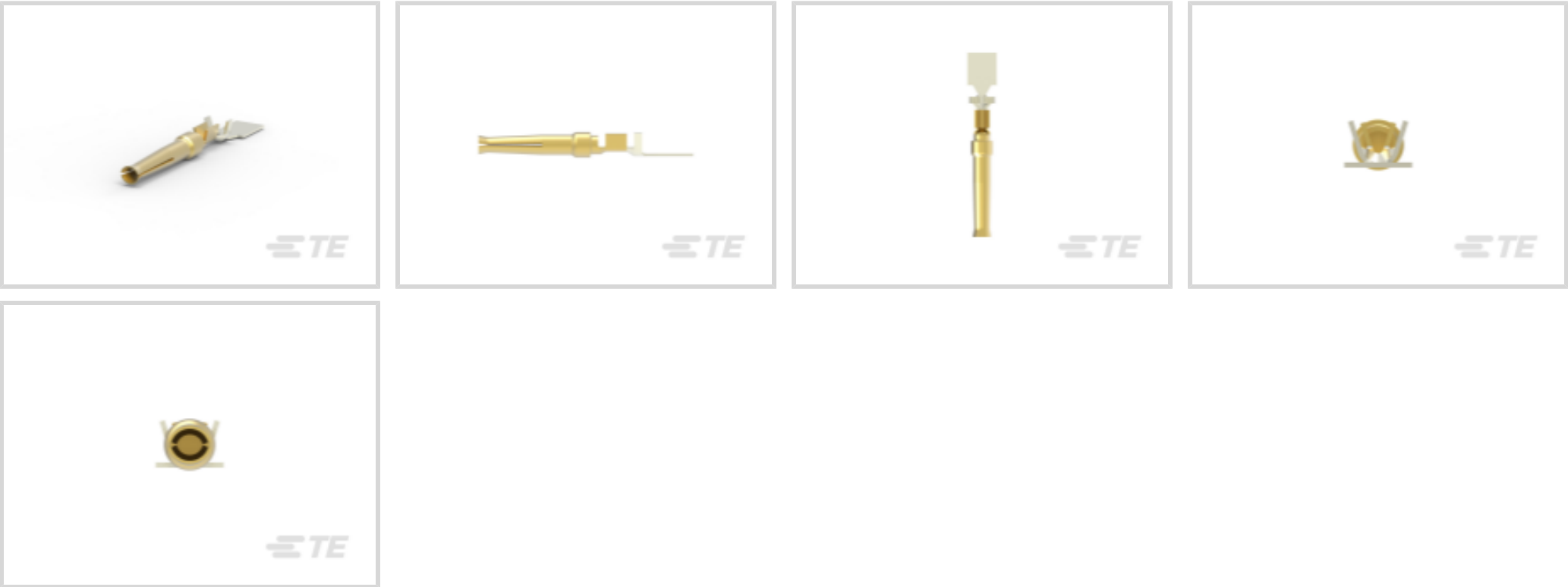




Connectors > D-Shaped Connectors > D-Sub Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



Contact Type: **Socket**
Contact Size: **Size 20**
Contact Base Material: **Phosphor Bronze**
Contact Mating Area Plating Material: **Gold**
Termination Method to Wire & Cable: **Crimp**

[All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 \(56\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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Contact Features

	30 µin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Size	Size 20
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.2 A

Termination Features

	.37 in
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Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With

Dimensions

	.06 in
Compatible Insulation Diameter Range	1.27 – 1.52 mm[.05 – .06 in]
Wire Size	.08 – .2 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Contact Color Code	Black
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Packaging Features

Packaging Quantity	10000
Packaging Method	Strip

Product Compliance

For compliance documentation, visit the product page on TE.com>

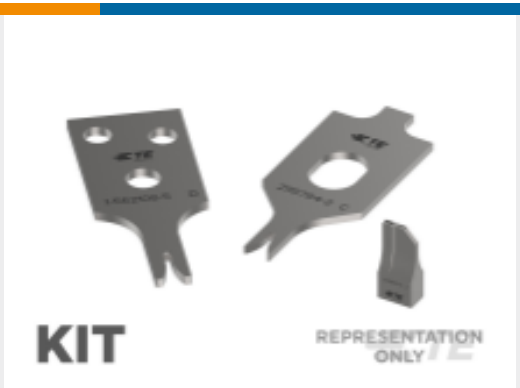
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not 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 applicable 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-AM71-C83998M CPC Connectors, Series 2	 TE Part # CAT-AM71-C83998BB CPC SERIES 3	 TE Part # 1579007-9 EXTRACTION TOOL	 TE Part # 91285-1 INSERT/EXTRACT TOOL ASSEMBLY
 TE Part # 2-2151428-1 OCEAN-2.0-APPLICATOR-S-042F055O	 TE Part # 2-2151428-2 OCEAN-2.0-APPLICATOR-S-042F055OA	 TE Part # 2-2837445-2 OCEAN_2.0_Applicator-S-042F062OA	 TE Part # 2151428-1 OCEAN-2.0-APPLICATOR-S-042F055O
 TE Part # 2151428-2 OCEAN-2.0-APPLICATOR-S-042F055OA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2837445-2 OCEAN_2.0_Applicator-S-042F062OA	 TE Part # 5-2151428-1 OCEAN-2.0-APPLICATOR-S-042F055O
 TE Part # 5-2151428-2 OCEAN-2.0-APPLICATOR-S-042F055OA	 TE Part # 7-2837445-2 OCEAN_2.0_Applicator-S-042F062OA	 TE Part # 7-2837445-7 OCEAN_2.0_SPARE_PART_KIT-042F062O	 TE Part # 91549-1 CCII HD-20 PIN SKT 28-24 ASSY



Customers Also Bought



TE Part #1658687-1
HDP-22,OVRMLD,RCPT KIT,SIZE 2,



TE Part #207464-2
CRIMP SNAP PLUG ASSY,SZ 3



TE Part #66507-3
20 DF PIN



TE Part #66504-3
20 DF SCKT CONT



TE Part #5745173-3
CABLE CLAMP KIT,SZ 3



TE Part #794192-1
08P MINI UMNL2 PLUG HSG UL94V0



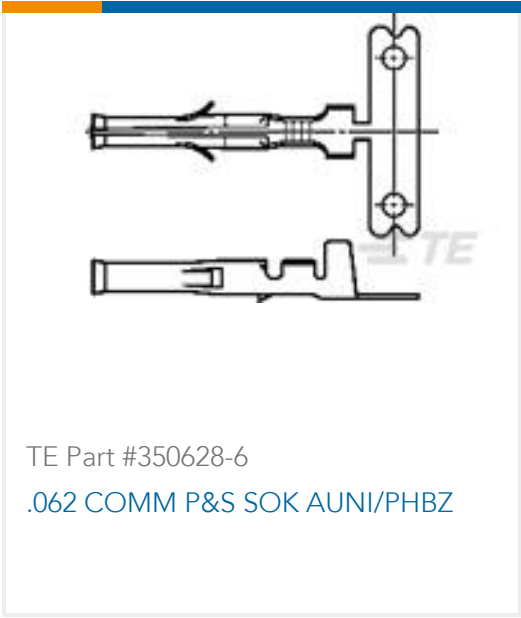
TE Part #770834-1
MINI UMNL SOCKET SN



TE Part #173681-2
040 MULTILOCK REC CONT FORM



TE Part #1-487769-0
012 HOUSING FFC RCPT 100CL SR



TE Part #350628-6
.062 COMM P&S SOK AUNI/PHBZ

Documents

Product Drawings

20 DF SCKT CONT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66683-2_AL_c-66683-2-al.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66683-2_AL_c-66683-2-al.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66683-2_AL_c-66683-2-al.3d_stp.zip

English

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



Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English

Product Specifications

HD-20 Precision Formed Contacts

English

AMPLIMITE HDP-20 and Economy Crimp Snap Subminiature D Commercial Connectors

English

Product Environmental Compliance

MD_66683-2_0517201809_dmtec

English

MD_66683-2_0517201809_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English