



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



Contact Type: **Socket**
D-Sub Contact 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 \(58\)](#)

Features

Product Type Features

Product Type	Contact
Grade	Standard
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Contact Features

	.04 in
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
D-Sub Contact Size	20
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.2 A



Termination Features

	.37 in
Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Dimensions

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

Usage Conditions

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

For Use With	AMPLIMITE HDP-20, CPC Connectors
Circuit Application	Signal

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

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 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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-C83998BB CPC SERIES 3	TE Part # CAT-AM71-C83998M CPC SERIES 2	TE Part # 91285-1 INSERT/EXTRACT TOOL ASSEMBLY	TE Part # 1579007-9 EXTRACTION TOOL
			
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 # 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](#)

KIT
TE Part # 7-2837445-7
[OCEAN_2.0_SPARE_PART_KIT-042F062O](#)

TE Part # 91549-1
[CCII HD-20 PIN SKT 28-24 ASSY](#)

TE Part # 91549-3
[CCII HD-20 PIN SKT 28-24 HEAD](#)

Customers Also Bought

TE Part #1-6609037-0
[CORCOM EP SERIES SINGLE PHASE FILTERS](#)

TE Part #1658659-1
[D-Sub Crimp: Plug, Signal, 25 Posn, Pin Size 20, Shell Size 3](#)

TE Part #1-5745172-3
[AMPLI CBL CLMP KIT](#)

TE Part #104480-8
[SHORT POINT RCP CONT LP](#)

TE Part #770986-3
[MINI UMNL SOK 26-22AWG AU LP](#)

TE Part #1-87733-4
[50 MODIV HSG W/STR RLF DR MRKD](#)

TE Part #1SNA199166R2600
[ML10/13.SFD](#)

TE Part #1SNA199168R0000
[ML10/13.SFL](#)

TE Part #2-1571552-9
[DIP Socket: Standard, Stamped & Formed, Open, Gold](#)

TE Part #1SNA199635R2400
[FEM13U](#)

Documents

Product Drawings

[SOCKET CONTACT, 20 DF](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_66683-4_AL_c-66683-4-al.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_66683-4_AL_c-66683-4-al.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66683-4_AL_c-66683-4-al.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Signal Contacts

English

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

Product Specifications

Application Specification

English

[Application Specification](#)

English

Product Environmental Compliance

[MD_66683-4_10052017240_dmtec](#)

English

[MD_66683-4_10052017240_dmtec](#)

English

Instruction Sheets

Instruction Sheet (U.S.)

English