



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

Body Features

Color Code	Red
------------	-----

Contact Features

	.04 in
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
D-Sub Contact Size	20
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Dimensions

	.06 in
Accepts Wire Insulation Diameter Range	1.27 – 1.52 mm [.05 – .06 in]
Wire Size	.2 – .6 mm²

Usage Conditions

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

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>

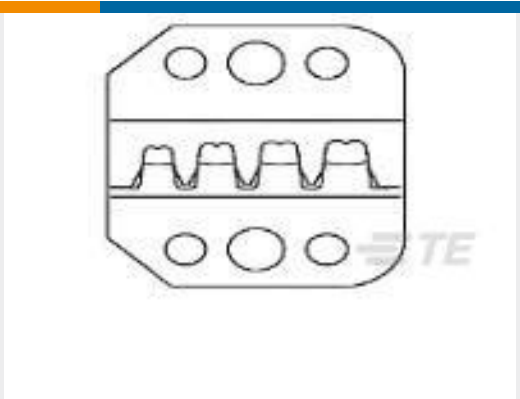
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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 # 58448-3 PRO-CRIMPER DIE	 TE Part # 91503-1 CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY
 TE Part # 1579007-9 EXTRACTION TOOL	 TE Part # 58448-2 PRO CR. ASSY AMPLIMITE IS 9357	 TE Part # 91285-1 INSERT/EXTRACT TOOL ASSEMBLY	

Documents

Product Drawings
SOCKET CONT DUPL PLT LP HD-20
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1658537-4_D.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1658537-4_D.3d_igs.zip
English
Customer View Model



ENG_CVM_CVM_1658537-4_D.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

Application Specification

English

Application Specification

English

Product Environmental Compliance

MD_1658537-4_07172017722_dmtec

English

MD_1658537-4_07172017722_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English