



AMPLIMITE

TE Internal #: 1-66507-0

D-Sub Connector Contacts, Pin, Contact Size Size 20, Brass, Gold Flash, Crimp, 28 – 24 AWG Wire Size, .08 – .2 mm² Wire Size, Wire & Cable, 1.2 A

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**

Contact Size: **Size 20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold Flash**

Termination Method to Wire & Cable: **Crimp**

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(55\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
-----------------------------------	--------------

Contact Features

Mating Pin Diameter	1.02 mm[.04 in]
	30 μin
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Size	Size 20
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	1.2 A

Termination Features

Round Termination Post & Tail Diameter	2.16 mm
--	---------



Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Contact Retention Type Within Housing

Snap-In

Wire Insulation Support

With

Dimensions

.04 in

Accepts Wire Insulation Diameter Range

.76 – 1.02 mm [.03 – .04 in]

Wire Size

.08 – .2 mm²

Usage Conditions

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application

Signal

Identification Marking

Contact Color Code

Blue

Packaging Features

Packaging Quantity

1000

Packaging Method

Loose Piece

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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



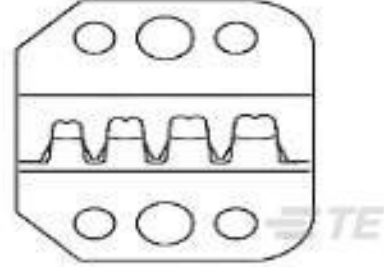
TE Part # CAT-AM71-C83998BB
CPC SERIES 3



TE Part # 91503-1
CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY



TE Part # 58448-2
PRO CR. ASSY AMPLIMITE IS 9357



TE Part # 58448-3
PRO-CRIMPER DIE



TE Part # 1579007-9
EXTRACTION TOOL



TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY



TE Part # 2382051-1
SDE F HD-20 20-28 AWG ASSY



TE Part # 2382051-2
SDE F HD-20 20-28 AWG DIE SET



TE Part # 91549-1
CCII HD-20 PIN SKT 28-24 ASSY

Customers Also Bought



Documents

Product Drawings

PIN CONTACT, 20 DF

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66507-0_CE_c-1-66507-0-ce.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66507-0_CE_c-1-66507-0-ce.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66507-0_CE_c-1-66507-0-ce.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_1-66507-0_04022018158_dmtec

English

MD_1-66507-0_04022018158_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English