1-66507-0 ✔ ACTIVE

AMPLIMITE

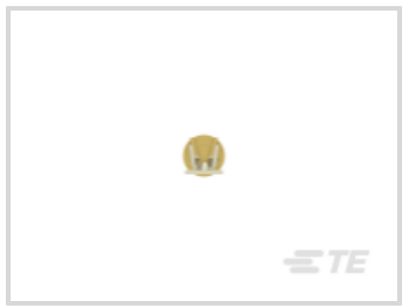
TE Internal #: 1-66507-0

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

View on TE.com >

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




Contact Type: **Pin**

D-Sub Contact 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

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

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Dimensions

	.04 in
Post Diameter	2.16 mm
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

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: JAN 2021 (211) 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

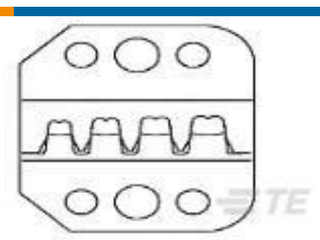
Compatible Parts



TE Part # CAT-AM71-C83998BB
CPC SERIES 3



TE Part # CAT-AM71-C83998M
CPC SERIES 2



TE Part # 58448-3
PRO-CRIMPER DIE



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



TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY



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



TE Part # 1579007-9
EXTRACTION TOOL



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 #205204-4
D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1



TE Part #1-66504-0
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



TE Part #1658670-4
D-Sub Connector Contacts: Pin, Brass, Signal, Size 22



TE Part #1-66506-0
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



TE Part #169341-1
HANDTOOL (HD-20)



TE Part #1-5745172-3
AMPLI CBL CLMP KIT



TE Part #1-1623927-3
CFR16 5% 150R



TE Part #1-1618239-8
K41A334=RELAY, VACUUM, SPST-NO

TE Part #NB16622001
RW-175-3/64-X-STK

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

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_1-66507-0_04022018158_dmtec

English

MD_1-66507-0_04022018158_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English