



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**
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
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
D-Sub Contact Size	20
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold



Contact Current Rating (Max)	1.2 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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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]
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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>

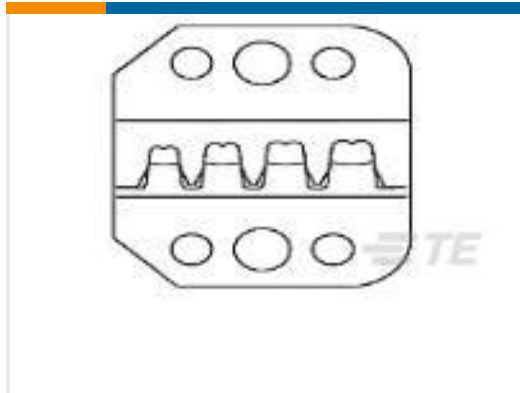
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 #1-66361-4
TYPE III CONTACTS LP HIGH CURRENT

TE Part #1-66505-0
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20

TE Part #1-640510-0
06P MR II CAP HSG V0 RED

TE Part #1-640519-0
04P MR II PLUG HSG V0 RED

TE Part #104505-7
MTE PIN LP

TE Part #1445904-1
NUT, JAM, 3/4-20, PKG QTY 100

TE Part #1-794612-1
PIN CONT 20-24 15 GOLD L/P

TE Part #1-66103-5
III+ PIN, 24-20, TIN-LEAD, SMPACK

TE Part #YAFD50-12-10PNC127
RECP ASSY

Documents

Product Drawings
CONT,PIN,PLATED,20DF,LP,#24-28

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658540-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658540-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658540-5_D.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

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English