

AMPLIMITE

TE Internal #: 166995-2

D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 32 – 28

AWG Wire Size, .032 – .09 mm² Wire Size, Cable-to-Cable, Wire &

Cable, 1.2 A

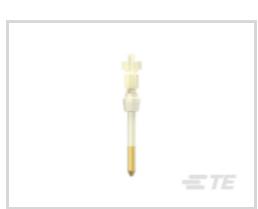
View on TE.com >

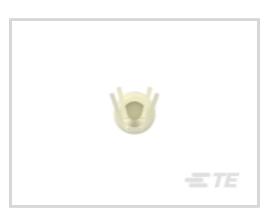


Connectors > D-Shaped Connectors > D-Sub Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20











Contact Type: Pin

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

Pin Diameter	1 mm
Contact Mating Area Plating Thickness	.8 μm
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
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
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With
Dimensions	
Insulation Diameter (Max)	1.02 mm
Accepts Wire Insulation Diameter Range	.5 – 1.02 mm[.02 – .04 in]
Wire Size	.032 – .09 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Quantity	12500
Packaging Method	Reel

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: JUL 2021 (219) 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











Documents

Product Drawings
20DP CRIMP PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166995-2_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_166995-2_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166995-2_V.3d_stp.zip

D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 32 – 28 AWG Wire Size, . 032 – .09 mm² Wire Size, Cable-to-Cable, Wire & Cable, 1.2 A



English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English