

AMPLIMITE

TE Internal #: 166995-2

Gold (Au), Pin Contact, 32 – 28 AWG, .032 – .09 mm² Wire, Snap-In Contact Retention, Size 20, Crimp, Brass, Signal, -55 – 105 °C [-67 –

221 °F]

View on TE.com >

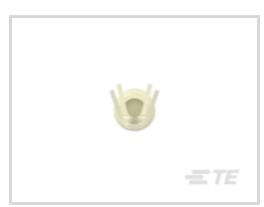


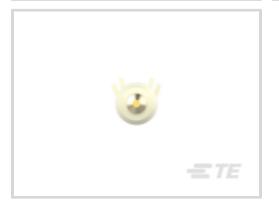
Connectors > Contacts > Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20











Contact Type: Pin

Contact Mating Area Plating Material: Gold (Au)

Contact Retention Type Within Housing: Snap-In

Contact Size: Size 20
Wire Size: 32 – 28 AWG

All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 (45)

Features

Contact Features

| Contact Underplating Material | Nickel |
|------------------------------------------------|------------|
| Mating Pin Diameter | 1 mm |
| PCB Contact Termination Area Plating Material | Gold Flash |
| Contact Mating Area Plating Material Thickness | .8 μm |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Size | Size 20 |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 1.2 A |

Termination Features

| Termination Method to Wire & Cable | Crimp |
|------------------------------------|--------------|
| Product Terminates To | Wire & Cable |



Mechanical Attachment

| Wire Insulation Support | With |
|---------------------------------------|----------------------------|
| Contact Retention Type Within Housing | Snap-In |
| Dimensions | |
| Compatible 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 |
| Identification Marking | |
| Contact Color Code | Black |
| Packaging Features | |
| Packaging Method | Reel |

12500

Product Compliance

Packaging Quantity

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 2837676-2 OCEAN-2.0-APPLICATOR-S-033F050O-SSA



Customers Also Bought



TE Part #CONN013-W
N Type Jack PCB Through Hole



TE Part #206137-5 23-7 RECEPT STD SEX



TE Part #213870-1 23-19 RCPT HSG,STD SEX,CPC

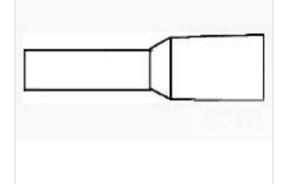




TE Part #2-747579-7
SHLDING FERRULE,PLTD TIN,BULK



TE Part #794184-1 02P MINI UMNL2 PLUG HSG UL94V0



TE Part #966144-3 FER,WIRE,DBL,PL SLV,.75/18,L10, GREY,LP







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

English

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

Product Specifications

Application Specification

English