

66570-2 ✓ ACTIVE

AMPLIMITE

TE Internal #: 66570-2

D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Solder, 18 AWG Wire Size, .8 – .9 mm² Wire Size, Cable-to-Cable, Wire & Cable, 3.1 A, Signal

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connector Contacts



Contact Type: **Pin**

D-Sub Contact Size: **20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

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

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 | Gold Flash |
| Contact Type | Pin |
| D-Sub Contact Size | 20 |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 3.1 A |



Termination Features

| | |
|------------------------------------|--------|
| | .39 in |
| Termination Method to Wire & Cable | Solder |

Mechanical Attachment

| | |
|---------------------------------------|---------|
| Contact Retention Type Within Housing | Snap-In |
| Wire Insulation Support | Without |

Dimensions

| | |
|-----------|-------------------------|
| | .085 in |
| Wire Size | .8 – .9 mm ² |

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 | 10000 |
| Packaging Method | Strip |

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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| 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 |

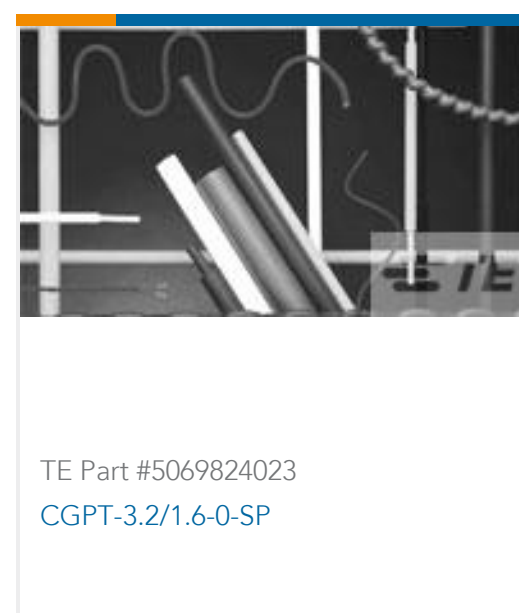
Product Compliance Disclaimer

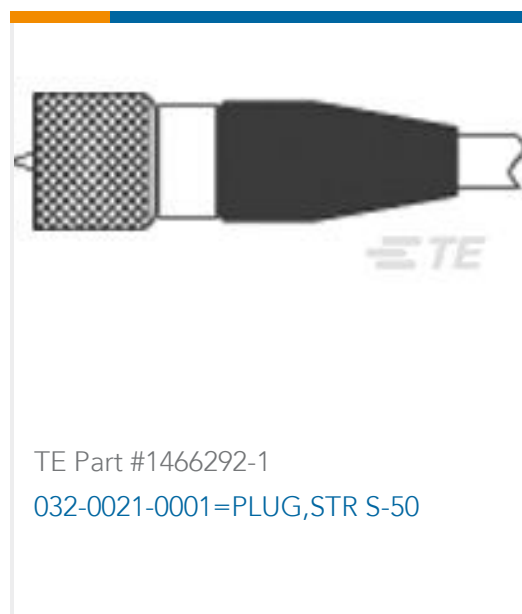
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought





Documents

Product Drawings

20 DF PIN PLTD

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66570-2_AJ_c-66570-2-aj.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66570-2_AJ_c-66570-2-aj.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66570-2_AJ_c-66570-2-aj.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

Product Environmental Compliance

MD_66570-2_04252018657_dmtec

English

MD_66570-2_04252018657_dmtec



English

Instruction Sheets

Instruction Sheet (U.S.)

English