

5066683-7 ✓ ACTIVE

AMPLIMITE

TE Internal #: 5066683-7

Socket Contact, Gold Flash, Snap-In Contact Retention, Size 20

Contact Size, 28 – 24 AWG Wire Size, .08 – .2 mm² Wire Size,

Crimp, Phosphor Bronze

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold Flash**

Contact Retention Type Within Housing: **Snap-In**

Contact Size: **Size 20**

Wire Size: **28 – 24 AWG**

[All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 \(56\)](#)

Features

Contact Features

| | |
|---|-----------------|
| | 100 µin |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold Flash |
| Contact Size | Size 20 |
| Contact Base Material | Phosphor Bronze |
| 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 | 1.27 – 1.52 mm [.05 – .06 in] |
| Wire Size | .08 – .2 mm ² |



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 Quantity | 10000 |
|--------------------|-------|

| | |
|------------------|------|
| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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-C83998M
CPC Connectors, Series 2



TE Part # CAT-AM71-C83998BB
CPC SERIES 3



TE Part # 2837445-2
OCEAN_2.0_Applicator-S-042F062OA



TE Part # 7-2837445-2
OCEAN_2.0_Applicator-S-042F062OA



KIT
REPRESENTATION ONLY

TE Part # 7-2837445-7
OCEAN_2.0_SPARE_PART_KIT-042F062O

Customers Also Bought



TE Part #6609056-1
3MV1=F7756 S0



TE Part #1658621-6
26 NOVO MIL/CTR 15DP, LEAD FREE



TE Part #5-103957-1
10X2 MTE RCPT SR LATCH .100CL



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




TE Part #770904-1
MINI UMNL SOK 22-18 AWG SN



TE Part #2-520183-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



TE Part #3-521013-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #61795-1
RING 18-14 AWG TPST



TE Part #103945-2
5X3 MTE SHRD PIN SR LATCH .100

Documents



Product Drawings

[CONT, SOCKET, PLATED, 20DF, STRIP, #24-28](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5066683-7_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5066683-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5066683-7_B.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

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English