



AMP

TE Internal #: 1658538-3

D-Sub Connector Contacts, Socket, Contact Size Size 20, Copper Tin Alloy, Gold, Crimp, 28 – 24 AWG Wire Size, .08 – .2 mm<sup>2</sup> Wire Size, Wire & Cable

[View on TE.com >](#)

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



Contact Type: **Socket**

Contact Size: **Size 20**

Contact Base Material: **Copper Tin Alloy**

Contact Mating Area Plating Material: **Gold**

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

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

**Features**

**Product Type Features**

Connector & Contact Terminates To	Wire & Cable
-----------------------------------	--------------

**Contact Features**

Contact Type	Socket
Contact Size	Size 20
Contact Base Material	Copper Tin Alloy
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.2 A

**Termination Features**

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

**Dimensions**

Wire Size	.08 – .2 mm <sup>2</sup>
-----------	--------------------------

**Usage Conditions**



Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Identification Marking

Contact Color Code	Blue
--------------------	------

## 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: JAN 2022 (223) 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 # 91503-1  
CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY



TE Part # 1579007-9  
EXTRACTION TOOL



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 91285-1  
INSERT/EXTRACT TOOL ASSEMBLY



TE Part # 2151428-1  
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 2151428-2  
OCEAN-2.0-APPLICATOR-S-042F055OA



TE Part # 5-2151428-1  
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 5-2151428-2  
OCEAN-2.0-APPLICATOR-S-042F055OA



TE Part # 7-2151428-1  
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 7-2151428-2  
OCEAN-2.0-APPLICATOR-S-042F055OA

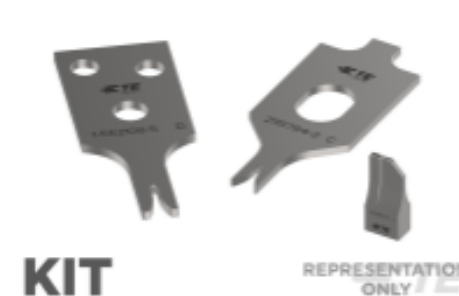


**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151428-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-042F055O



TE Part # 2-2151428-1  
OCEAN-2.0-APPLICATOR-S-042F055O



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2266598-7  
OC-042F055O-752-CRIMPTOOLINGKIT

### Customers Also Bought



TE Part #206433-2  
CPC RECPT ASSEMBLY SIZE 11-8



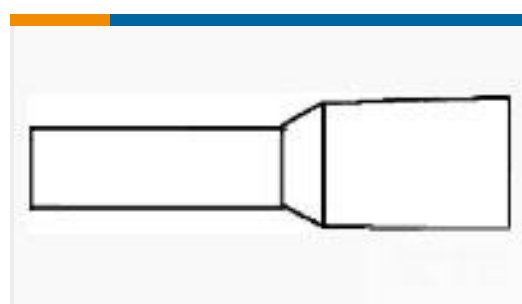
TE Part #66682-2  
20 DF PIN PLATED



TE Part #328527  
TERMINAL,PG R 16-14 8



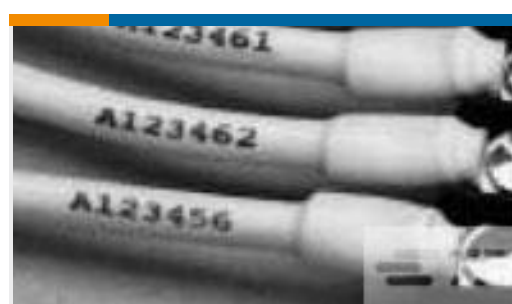
TE Part #1-1337480-0  
SMB FM BHSkt 50Ohm Gold Pltd



TE Part #966292-2  
FER,WIRE,PL SLV,,14/26,L8,BROWN,LP



TE Part #2-2176349-5  
CRGCQ 2512 1K0 1%



TE Part #5070022021  
RNF-100-1/16-X-STK



TE Part #359434-000  
SO63-4-00



TE Part #450705-000  
S02-03-R



TE Part #219271-000  
S02-15-R

## Documents

### Product Drawings

#### SOCKET CONT DUPL PLT STRIP HD-

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1658538-3\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1658538-3\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1658538-3\\_D.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

---

**Product Environmental Compliance**

**TE Material Declaration**

English

---

**Instruction Sheets**

**Instruction Sheet (U.S.)**

English