# 1658542-1 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1658542-1

Gold Flash, Socket Contact, 22 – 18 AWG, .4 – .8 mm² Wire, Snap-In Contact Retention, Size 20, Crimp, Phosphor Bronze, Signal

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: **22 – 18 AWG**

All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 (51)

## Features

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| Contact Color Bands | Green |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .76 µm |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold Flash |
| Contact Size | Size 20 |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 3.1 A |

### Termination Features

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

### Mechanical Attachment

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

### Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | 1.73 mm |
| Wire Size | .4 – .8 mm² |

### Usage Conditions

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

### Operation/Application

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

### Identification Marking

| | |
|---|---|
| Contact Color Code | Green |

### Packaging Features

| | |
|---|---|
| Packaging Method | Reel |
| Packaging Quantity | 10000 |

## 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

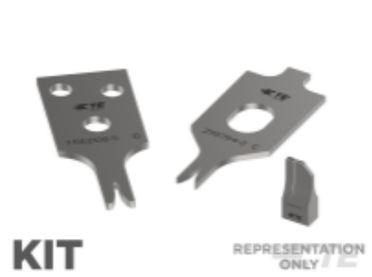
## Compatible Parts



TE Part # 2836119-2
OCEAN-2.0-APPLICATOR-S-062FA-RSA



TE Part # 2836119-1
OCEAN-2.0-APPLICATOR-S-062F-RSM




TE Part # 7-2836119-7
OCEAN_2.0_SPARE_PART_KIT-062F

## Customers Also Bought



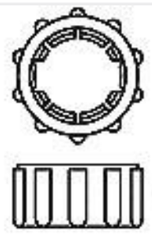
TE Part #66429-3
III+ PIN,30-26,15AU/FL,LP



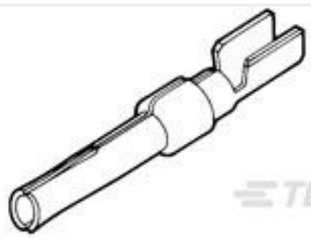
TE Part #208717-1
RECEPT ASSY,SZ 14,CMC



TE Part #211398-4
CPC RECPT. SIZE 13-7,THRD INST



TE Part #213810-1
CPC COUPLING RING SIZE 17



TE Part #745230-4
20 DF SOCKET CONTACT L.P.



TE Part #1-770250-0
UMNL II PIN SN/AUNI/BR LP20-14



TE Part #1658540-5
CONT,PIN,PLATED,20DF,LP,#24-28



TE Part #1776088-1
CMC RECEPT ASSY,SIZE 28-16



TE Part #5745036-2
PLUG ASSY,25P,HDP-20,CN



TE Part #5745833-1
CABLE CLAMP KIT,SZ 3

## Documents

### Product Drawings

SOCKET CONT DUPL PLT STRIP HD-

English

## CAD Files

### Customer View Model

ENG_CVM_CVM_1658542-1_C.2d_dxf.zip

English

### 3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1658542-1_C.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1658542-1_C.3d_stp.zip

English

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

## Datasheets & Catalog Pages

### 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