

1658670-3 ✓ ACTIVE

AMPLIMITE

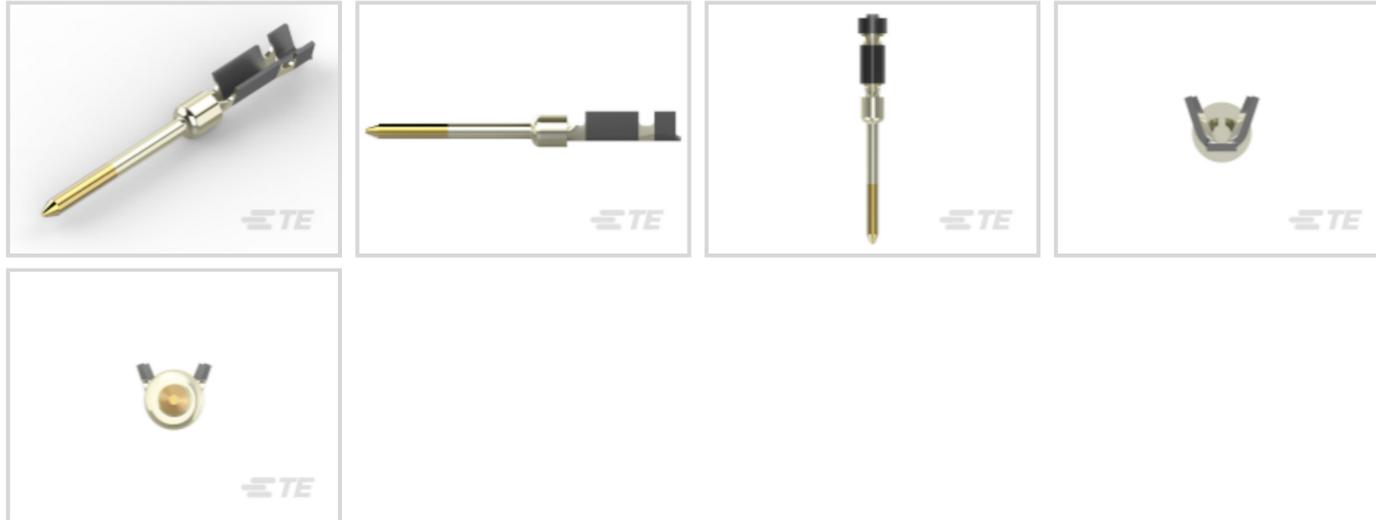
TE Internal #: 1658670-3

Gold Flash, Pin Contact, 28 – 22 AWG, .08 – .4 mm<sup>2</sup> Wire, Snap-In Contact Retention, Size 22, 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 22



Contact Type: **Pin**

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

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

Contact Size: **Size 22**

Wire Size: **28 – 22 AWG**

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 22 \(6\)](#)

### Features

#### Contact Features

	100 µin
Contact Underplating Material	Nickel
Mating Pin Diameter	.76 mm[.03 in]
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Mating Area Plating Material	Gold Flash
Contact Size	Size 22
Contact Base Material	Brass
Contact Current Rating (Max)	1.9 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	.76 – 1.02 mm [.03 – .04 in]
Wire Size	.08 – .4 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Identification Marking

Contact Color Code	None
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### Packaging Features

Packaging Method	Piece/Reel, Strip
Packaging Quantity	20000

### 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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 5-2151014-2  
OCEAN\_2.0\_APPLICATOR-S-042F048O-RSA



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



TE Part # 2151014-1  
OCEAN\_2.0\_APPLICATOR-S-042F048O-RSM



TE Part # 2151014-2  
OCEAN\_2.0\_APPLICATOR-S-042F048O-RSA



TE Part # 5748641-1  
KIT,RCPT,44P,HDP-22,SHLD ENCLSR



TE Part # 5-2151014-1  
OCEAN\_2.0\_APPLICATOR-S-042F048O-RSM



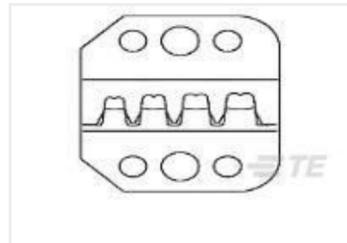
TE Part # 7-2266553-7  
OC-042F048O-752-CRIMPTOOLINGKIT



TE Part # 7-2151014-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-042F048O



TE Part # 90800-1  
PROCRIMPER TOOL & DIE

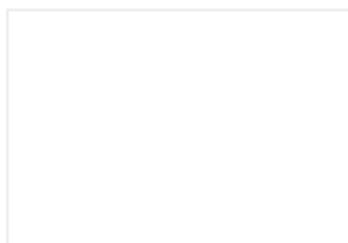


TE Part # 90800-2  
DIE ASSEMBLY



TE Part # 91520-1  
CCII AMPLIMITE HDP-22 PIN SKT 28-22 ASSY

## Customers Also Bought



TE Part #GAG2K3499B1  
Radial Glass NTC 2K 1% B3499 1.5mm OD



TE Part #806109-SF  
FN3258-30-33



TE Part #224394-E  
SRCP 1,27 4 F 1 I2426 137 \* 162 1,07 TRA



TE Part #CSA264F48450001000  
940 PLUG



## Documents

### Product Drawings

[PIN CONTACT, 22 DF, STRIP, 22-28](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1658670-3\\_D.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1658670-3\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1658670-3\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

### Product Specifications

[Application Specification](#)

English

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Size 22, Crimp, Brass, Signal, -55 – 105 °C [-67 – 221 °F]



## Instruction Sheets

### Instruction Sheet (U.S.)

English