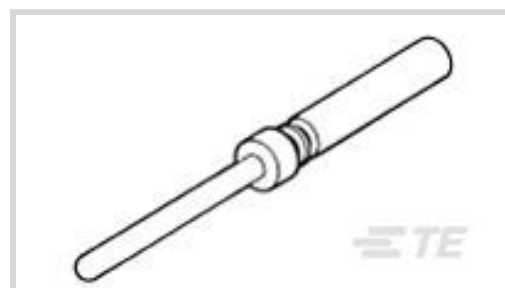


**AMPLIMITE**

TE Internal #: 204370-2

D-Sub Connector Contacts, Pin, Size 22, Copper Alloy, Gold, Crimp, 28 – 22 AWG Wire Size, .08 – .4 mm<sup>2</sup> Wire Size, Wire & Cable, 5 A, Signal

[View on TE.com >](#)
[Connectors > D-Shaped Connectors > D-Sub Connector Contacts](#)
Contact Type: **Pin**D-Sub Contact Size: **22**Contact Base Material: **Copper Alloy**Contact Mating Area Plating Material: **Gold**Termination Method to Wire & Cable: **Crimp****Features****Product Type Features**

Product Type	Contact
Connector & Contact Terminates To	Wire & Cable

**Body Features**

Color Code	Yes
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**Contact Features**

Pin Diameter	.03 mm
Contact Color Bands	Orange, Blue, Black
	50 μin
Contact Style	Long
Contact Underplating Material	Nickel
Contact Type	Pin
D-Sub Contact Size	22
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	5 A

**Termination Features**

Termination Post Length	.17 mm
Termination Method to Wire & Cable	Crimp



### Dimensions

Insulation Diameter (Max)	.05 mm[1.38 in]
Post Diameter	.03 mm[.76 in]
Wire Size	.08 – .4 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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### Operation/Application

High Current	No
Circuit Application	Signal

### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

### Other

Comment	Color bands are read in the direction of terminal (wire barrel) end to mating end., Insertion/Extraction Tool No. 91067-1 (Military No. M81969/1-04) is used to install and remove pin and socket contacts., These contacts are used in Series 90 military connectors.
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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: Pb (1.2% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 204521-2  
AMPLIMITE,ASY,PLUG,STD,90,5



TE Part # 204523-2  
AMPLIMITE,ASY,PLUG,STD,90,6



TE Part # 204519-2  
AMPLIMITE,ASY,PLUG,STD,90,4



TE Part # 204501-1  
AMPLIMITE,ASY,PLUG,STD,90,1



TE Part # 204517-2  
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part # 204515-2  
AMPLIMITE,ASY,PLUG,STD,90,2



TE Part # 204501-5  
AMPLIMITE,ASY,PLUG,90,1



TE Part # 204503-1  
AMPLIMITE,ASY,PLUG,STD,90,2



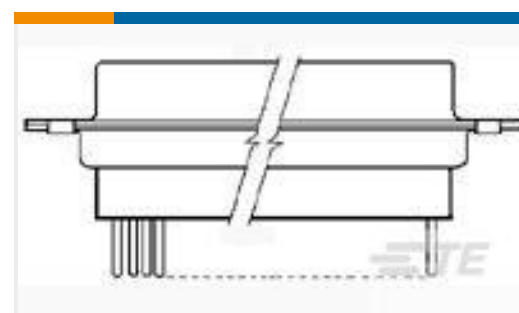
TE Part # 204509-1  
AMPLIMITE,ASY,PLUG,STD,90,5



TE Part # 204511-1  
AMPLIMITE,ASY,PLUG,STD,90,6



TE Part # 204531-1  
AMPLIMITE,ASY,PLUG,FB,90,4



TE Part # 208866-1  
PLUG ASSY,15 POSN,AMPLIMITE



TE Part # 204527-1  
AMPLIMITE,ASY,PLUG,FB,90,2



TE Part # 204541-2  
AMPLIMITE,ASY,PLUG,FB,90,3,CONT



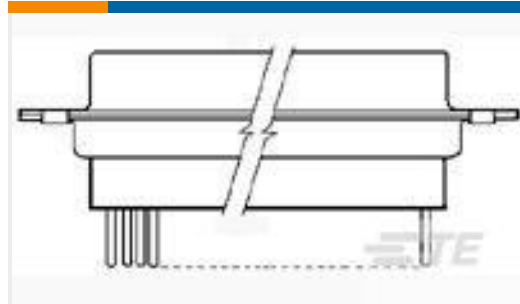
TE Part # 601966-1  
CRIMPING TOOL M22520/2-01



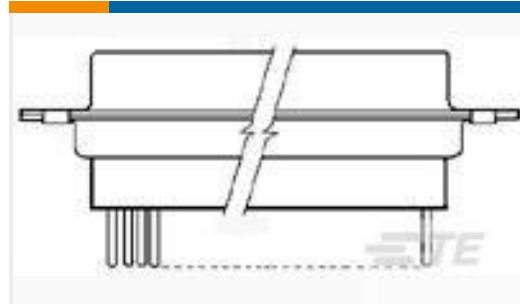
TE Part # 204505-1  
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part # 204507-1  
AMPLIMITE,ASY,PLUG,STD,90,4



TE Part # 208869-1  
PLUG ASSY,62 POSN,AMPLIMITE



TE Part # 208870-1  
PLUG ASSY,78 POSN,AMPLIMITE



TE Part # 1218444-3  
R/A PLUG ASSY 25 POS SER 109

## Customers Also Bought



TE Part #1757823-2  
AMPLIMITE,ASY,PLUG,STD,90,ZN,2



TE Part #204501-1  
AMPLIMITE,ASY,PLUG,STD,90,1



TE Part #1757823-3  
AMPLIMITE,ASY,PLUG,STD,90,ZN,3



TE Part #1757824-1  
AMPLIMITE,ASY,RCPT,STD,90,ZN,1



TE Part #1757823-1  
AMPLIMITE,ASY,PLUG,STD,90,ZN,1



TE Part #1757823-4  
AMPLIMITE,ASY,PLUG,STD,90,ZN,4



TE Part #2335891-1  
AMPLIMITE SZ 1 PLUG 15 POS, ST STL SHEL



TE Part #2335891-4  
AMPLIMITE SZ 4 PLUG 62 POS, ST STL SHEL



TE Part #1757823-5  
AMPLIMITE,ASY,PLUG,STD,90,ZN,5



TE Part #1757824-4  
AMPLIMITE,ASY,RCPT,STD,90,ZN,4

## Documents



**Product Drawings**

[PIN CONTACT,Sz22D,22-28 AWG](#)

English

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**CAD Files**

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_204370-2\\_BN.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_204370-2\\_BN.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_204370-2\\_BN.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[1308940\\_Sec8\\_amplimite](#)

English

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**Product Environmental Compliance**

[MD\\_204370-2\\_08062012459](#)

English

[MD\\_204370-2\\_08062012459](#)

English

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**Instruction Sheets**

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

English