

167042-1

✓ ACTIVE

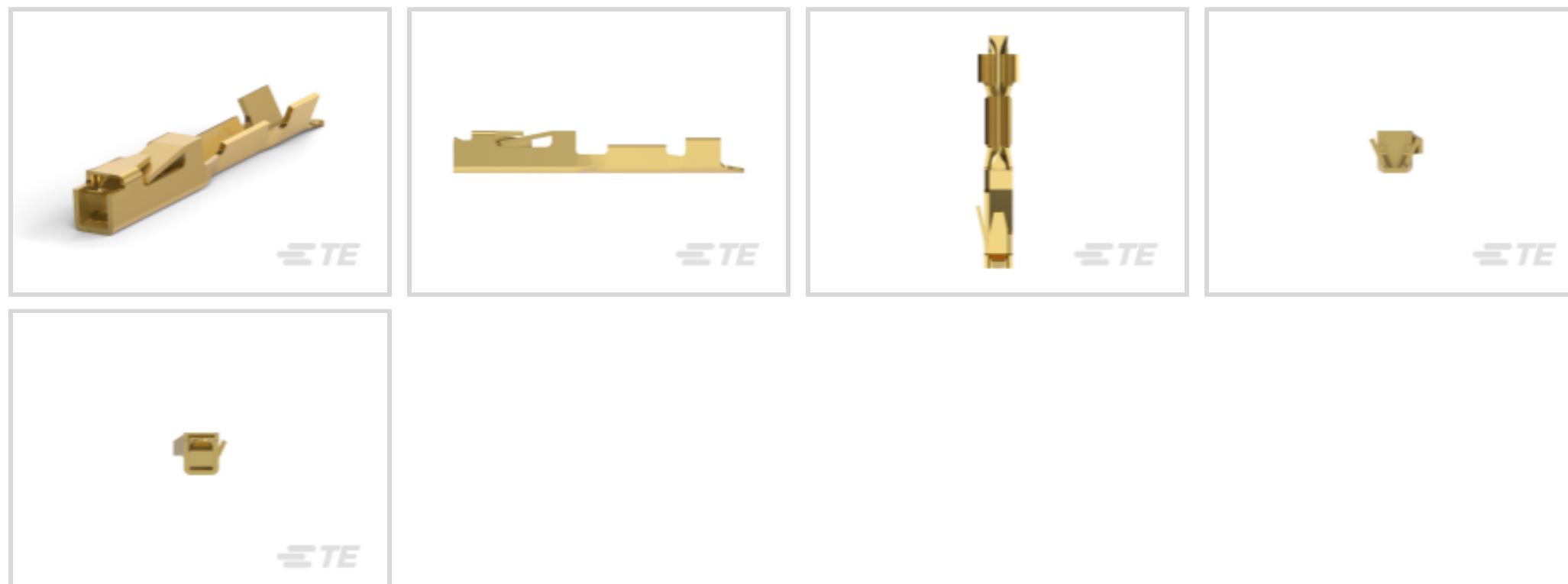
## AMPMODU

TE Internal #: 167042-1

Socket Contact, Gold, 32 - 28 AWG Wire Size, .03 - .09 mm<sup>2</sup> Wire Size, Crimp, Phosphor Bronze, Power & Signal, -85 - 221 °F [-65 - 105 °C]

[View on TE.com >](#)

Connectors &gt; Contacts &gt; Connector Contacts

Contact Type: **Socket**Contact Mating Area Plating Material: **Gold**Wire Size: **.03 - .09 mm<sup>2</sup>**Termination Method to Wire & Cable: **Crimp****Features****Product Type Features**

Applied Pressure	Standard
------------------	----------

**Contact Features**

Contact Mating Area Plating Material Thickness	.8 µm[31.496 µin]
--	-------------------

Contact Orientation	Straight
---------------------	----------

PCB Contact Termination Area Plating Material	Tin-Lead
---	----------

Contact Type	Socket
--------------	--------

Contact Mating Area Plating Material	Gold
--------------------------------------	------

Contact Base Material	Phosphor Bronze
-----------------------	-----------------

Contact Current Rating (Max)	3 A
------------------------------	-----

**Termination Features**

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

Product Terminates To	Wire & Cable
-----------------------	--------------

**Mechanical Attachment**

Wire Insulation Support	With
-------------------------	------

PCB Mount Retention

Without

**Dimensions**

Compatible Insulation Diameter Range	.5 - 1.02 mm [.02 - .04 in]
Wire Size	.03 - .09 mm <sup>2</sup>

**Usage Conditions**

Operating Temperature Range	-65 - 105 °C [-85 - 221 °F]
-----------------------------	-----------------------------

**Operation/Application**

Circuit Application	Power & Signal
---------------------	----------------

**Packaging Features**

Packaging Quantity	200
Packaging Method	Loose Piece

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 843473-1  
EXTRACTION TOOL



TE Part # 2383863-1  
SDE F MINI-TNDM SPNG 20-32AWG  
ASSY



TE Part # 2383863-2  
SDE F MINI-TNDM SPNG 20-32AWG  
DIE SET

## Customers Also Bought



TE Part # NB15994001  
RT-375-1/8-X-SP



TE Part # 8-1393224-9  
RY533024



TE Part # 170359-1  
UNIV M-N-L PIN 26-22 AWG



TE Part # 926040-2  
48P MOD 4 HSG



TE Part # 1-1415898-1  
RTS3T048



TE Part # 1393236-7  
V23092-A1012-A301



TE Part # 207376-1  
HSG,RECEPT 6 POSN,METRIMATE



TE Part # 2-380937-0  
MR SPLT GROMET .312 DIA BLK LF



TE Part # 6-1393224-3  
RY213048

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_167042-1\\_M.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_167042-1\\_M.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_167042-1\\_M.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English