

66109-2 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66109-2

Socket Contact, Tin-Lead, Size 16 Contact Size, 26 – 24 AWG Wire Size, .12 – .2 mm<sup>2</sup> Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass



Contact Current Rating (Max)	13 A
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### Termination Features

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

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Compatible Insulation Diameter Range	.89 – 1.4 mm [.035 – .055 in]
Wire Size	.12 – .2 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 90 °C [-67 – 194 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Carton, Loose Piece

## 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	Compliant with Exemptions
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% 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 # 91515-1  
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part # 58495-2  
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 200893-2  
INSERTION TOOL CONT



TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

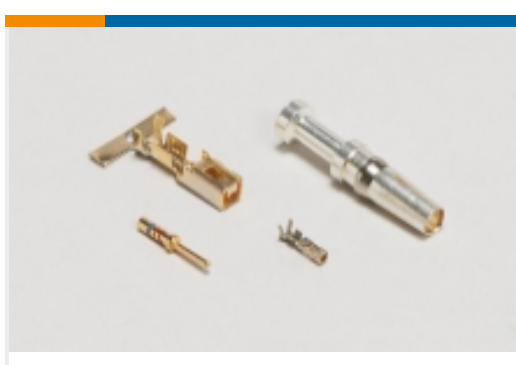


TE Part # 539972-1  
EXTRACTION TOOL




TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

### Also in the Series | AMP Type III+



Connector Contacts(409)



Insertion & Extraction Tools(4)

### Customers Also Bought



TE Part #2273001-3  
M8 x 1.0 straight socket Pigtail



TE Part #1-66107-1  
III+ PIN,26-24,TIN,LP



TE Part #T4111412051-000  
M12 M, 5P GOLD B\_CODE S  
SHIELDED PG9



TE Part #4-1625892-2  
3W SM M/OX 5% 33K



TE Part #2-520129-2  
ULTRAFAST 250 ASSY FLAG 22-18  
TPBR LP



TE Part #175156-2  
U/P REC CONT L/P



TE Part #1-176282-1  
AMP UNIVERSAL POWER CAP 2P



TE Part #02291335-000  
MP-2000 DUAL CHANNEL SIG COND



TE Part #1546440-1  
ETHERNET FIELD ATTACHABL CONN

## Documents

### Product Drawings

III+ SKT,26-24,TIN-LEAD,LP

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66109-2\\_W.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66109-2\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66109-2\\_W.3d\\_stp.zip](#)

English

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

## Product Specifications



### Application Specification

English

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### Instruction Sheets

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

Japanese

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

English