

66101-1 ✓ ACTIVE

AMP | Circular Plastic Connectors Series 1, AMP Type III+

TE Internal #: 66101-1

Gold (Au), Socket Contact, 18 – 16 AWG, .8 – 1.4 mm<sup>2</sup> Wire,  
Locking Spring Contact Retention, Size 16, Discrete Wire, Crimp,  
Brass, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Spring**

## Features

### Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]



Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
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Contact Mating Area Plating Material Finish	Bright
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Wire Contact Termination Area Plating Thickness	.25 μm[10 μin]
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Wire Contact Termination Area Plating Material Finish	Bright
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Contact Orientation	Straight
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Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	.76 μm[30 μin]
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Spring
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Wire Insulation Support	With
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### Dimensions

Wire Size	.8 – 1.4 mm <sup>2</sup>
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Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
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### Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Identification Marking

Contact Color Code	Blue
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### Packaging Features

Packaging Quantity	1000
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Packaging Method	Carton, Loose Piece
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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
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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 # 91505-1  
CCII TYPE III+ 24-16 ASSY

TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

TE Part # 200893-2  
INSERTION TOOL CONT

TE Part # 91523-1  
CCII TYPE III+ PIN SKT 24-16 ASSY

TE Part # 169400  
CERTI-LOK FRAME W/O DIES

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

TE Part # 539972-1  
EXTRACTION TOOL

TE Part # 58495-2  
PROCRIMPER DIE ASSY MULTIMATE

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



Connector Contacts(260)



Insertion & Extraction Tools(4)



Power Contacts(260)

Also in the Series | **Circular Plastic Connectors Series 1**



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

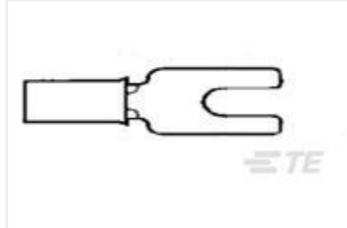
Customers Also Bought



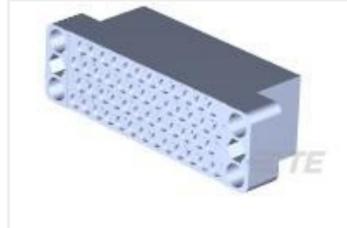
TE Part #TAA755A5501-002  
M12A5-MS-FS-PUR-1.0M



TE Part #8-52927-1  
PIDG SP SPD 22-16COM22-18MIL 4



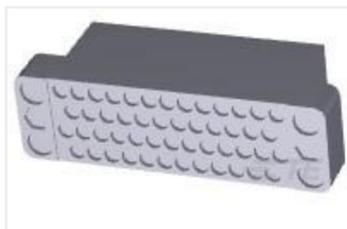
TE Part #130568  
PG SPADE



TE Part #200277-2  
FEMALE BLOCK 50 PL.



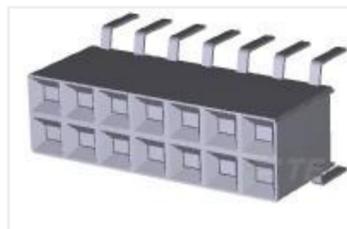
TE Part #201355-1  
MALE BLOCK 14 PL.



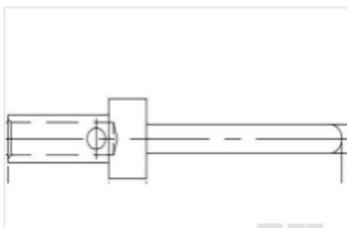
TE Part #201358-1  
MALE BLOCK 50 PL. SER. "M"



TE Part #206838-3  
CPC RECPT SEALED SIZE 23-24



TE Part #5-534267-1  
14 MODIV VRT DR DE 100/125



TE Part #867782-2  
LGH CONTACT PIN

## Documents

### Product Drawings

[III+ SKT,18-16,30AU>10,LP](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66101-1\\_Z.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66101-1\\_Z.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66101-1\\_Z.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

Japanese

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

English

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### Agency Approvals

[Agency Approval Document](#)

English