# 66101-3 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 66101-3

AMP Type III+, Power Contacts, Contact, Precious Metal, 18 – 16AWG Wire Size, .8 – 1.4mm² Wire Size, Wire & Cable, Crimp

View on TE.com >

Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS LP



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Precious Metal**

Wire Size: **.8 – 1.4 mm²**

Connector & Contact Terminates To: **Wire & Cable**

All TYPE III CONTACTS LP (53)

## Features

### Product Type Features

| | |
|---|---|
| Power Contact Type | Contact |
| Connector & Contact Terminates To | Wire & Cable |

### Electrical Characteristics

| | |
|---|---|
| Test Current | 13 A |

### Contact Features

| | |
|---|---|
| Contact Mating Area Plating Material | Precious Metal |
| Contact Current Rating (Max) | 13 A |
| Contact Type | Socket |
| Contact Retention Within Housing | With |
| Mating Pin Diameter | 1.57 mm[.062 in] |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material Thickness | .38 µm[.15 µin] |
| Contact Mating Area Plating Material Finish | Bright |
| Wire Contact Termination Area Plating Material Thickness | 1.27 µm[50 µin] |
| Wire Contact Termination Area Plating Material | Tin |
| Wire Contact Termination Area Plating Material Finish | Matte |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |

| | |
|---|---|
| Contact Underplating Material Thickness | .76 µm[30 µin] |
| Contact Size | 16 |

### Termination Features

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

### Mechanical Attachment

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

### Dimensions

| | |
|---|---|
| Wire Size | .8 – 1.4 mm² |
| Accepts Wire Insulation Diameter Range | 2.03 – 2.54 mm[.08 – .1 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |

### Operation/Application

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

### Identification Marking

| | |
|---|---|
| Color Code | Blue |

### Packaging Features

| | |
|---|---|
| Packaging Method | Carton, Loose Piece |
| Packaging Quantity | 1000 |

### Other

| | |
|---|---|
| Wire/Cable Type | Discrete Wire |
| For Use With | CPC Connectors, G Series Connectors, M Series Connectors |

## 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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # CAT-AM71-C83998C
CMC SERIES 1



TE Part # CAT-AM71-C83998Y
CPC SERIES 1 SEALED ONE-PIECE



TE Part # CAT-AM71-C83998J
CPC SERIES 1



TE Part # CAT-AM71-C83998K
CPC SERIES 6



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



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



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 91523-3
CCII TYPE III+ PIN SKT 24-16 HEAD

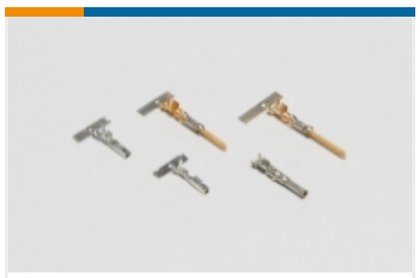


TE Part # 169400
CERTI-LOK

## Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(405)

## Customers Also Bought



TE Part #206060-1
CPC SERIES 6



TE Part #205203-8
D-Sub Crimp Recpt Signal 9 Posn, Socket Size 20, Shell Size 1



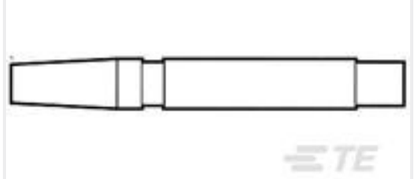
TE Part #1-206062-4
CPC CABLE CLAMPS



TE Part #1-770621-1
12P MINI UMNL HDR ASSY AU LF



TE Part #1-206062-6
CABLE CLAMP KIT #11



TE Part #200821-1
CMNL KEYING PLUG



TE Part #205204-9
D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1



TE Part #1SNK506061R0000
ZS6-GN

TE Part #19024-3
SCREW,SELF TAP,PAN HEAD

TE Part #827396-1
HYLSA PIC

# Documents

## Product Drawings

III+ SKT,18-16,15AU/FL,LP

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66101-3_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66101-3_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66101-3_Z.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Datasheets & Catalog Pages

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

AMP Circular Connectors for Commercial Signal & Power Applications

English

## Product Specifications

Application Specification

English

## Product Environmental Compliance

MD_66101-3_103120171036_dmtec

English

MD_66101-3_103120171036_dmtec

English

## Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Japanese

## Agency Approvals

Agency Approval Document

English