



AMP | AMP Type III+

TE Internal #: 66098-9

Power Contacts, Contact, Precious Metal, 18 – 16 AWG Wire Size, .8 – 1.4 mm<sup>2</sup> Wire Size, Wire & Cable, Crimp, Power & Signal, Pin, AMP Type III+

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP



Power Contact Type: **Contact**

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

Wire Size: **.8 – 1.4 mm<sup>2</sup>**

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

[All TYPE III CONTACTS STRIP \(55\)](#)

**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                                    | Pin              |
| Contact Retention Within Housing                | With             |
| Mating Pin Diameter                             | 1.57 mm[.062 in] |
| Contact Base Material                           | Brass            |
| Contact Mating Area Plating Material Thickness  | .76 μm[30 μin]   |
| Wire Contact Termination Area Plating Thickness | 1.27 μm[50 μin]  |



|   |                 |
|---|-----------------|
| Wire Contact Termination Area Plating Material        | Tin             |
| Wire Contact Termination Area Plating Material Finish | Bright          |
| Contact Orientation                                   | Straight        |
| Contact Underplating Material                         | Nickel          |
| Contact Underplating Material Thickness               | 1.27 μm[50 μin] |
| Contact Size  | 16              |

### Termination Features

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

### Mechanical Attachment

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

### Dimensions

|  |                             |
|--|-----------------------------|
| Wire Size                              | .8 – 1.4 mm <sup>2</sup>    |
| 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 |
|---------------------|----------------|

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Reel |
| Packaging Quantity | 4000 |

### Other

|                 |  |
|-----------------|--|
| Wire/Cable Type | Discrete Wire  |
| For Use With    | CPC Connectors, G Series Connectors, M Series Connectors   |
| Comment         | Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only. |

### 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: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| 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 # 539972-1  
EXTRACTION TOOL

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED

TE Part # 2151023-1  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 1-305183-1  
EXTRACT TOOL MATE-N-LOK P

TE Part # 2-2151023-1  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 2-2151023-2  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 2151023-2  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 5-2151023-1  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 5-2151023-2  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 7-2151023-1  
OCEAN\_2.0\_Applicator-S-080F1200

TE Part # 7-2151023-2  
OCEAN\_2.0\_Applicator-S-080F1200

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(414)

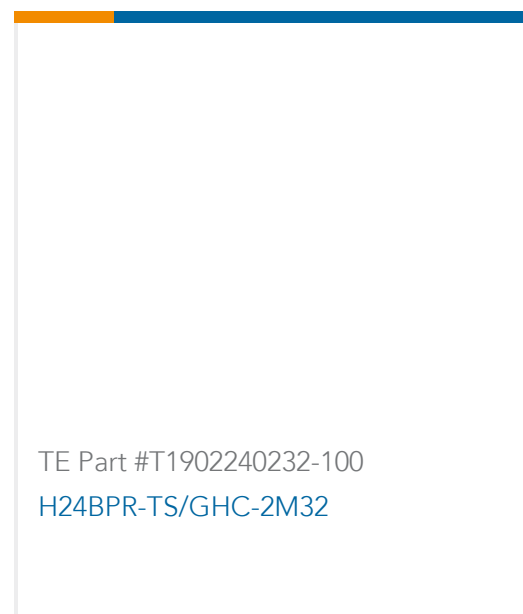
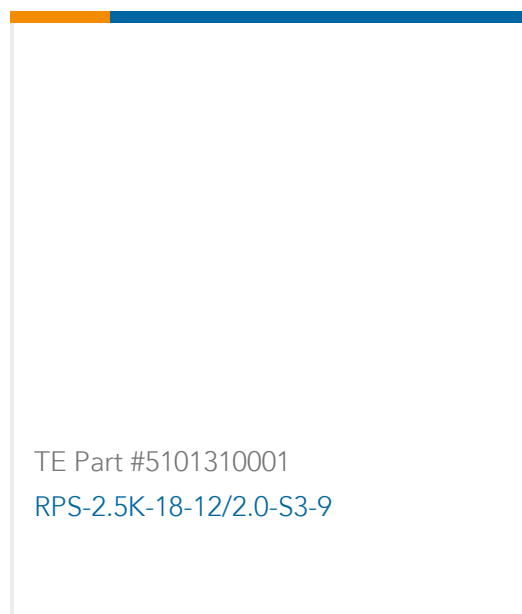
Customers Also Bought

TE Part #2-1644125-8  
E SPRING .250 (6.3 MM) RECEPTACLE

TE Part #2119539-1  
CCII 2.0MM PITCH HPI CONN 30-24 ASSY

TE Part #ZPF00000000021059  
006-0006-20

TE Part #ZPF00000000000166  
006-0006-22



## Documents

### Product Drawings

III+ PIN,18-16,30AU/FL,STRIP

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_66098-9\\_AE.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_66098-9\\_AE.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_66098-9\\_AE.2d\\_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66098-9\\_AP.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66098-9\\_AP.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66098-9\\_AP.3d\\_stp.zip](#)

English





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

### Datasheets & Catalog Pages

#### AMP Circular Connectors for Commercial Signal & Power Applications

English

#### Signal Contacts

English

#### M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

English

### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### MD\_66098-9\_032820181320\_dmtec

English

#### MD\_66098-9\_032820181320\_dmtec

English

### Instruction Sheets

#### Instruction Sheet (U.S.)

Japanese

#### Instruction Sheet (U.S.)

English