

66602-6 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66602-6

Pin Contact, Tin, Size 16 Contact Size, 18 - 14 AWG Wire Size, .8 - 2

mm<sup>2</sup> Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Contact Size: **Size 16**

Wire Size: **18 - 14 AWG**

## Features

### Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

### Termination Features

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

Wire &amp; Cable

**Mechanical Attachment**

Wire Insulation Support

With

**Dimensions**

Compatible Insulation Diameter Range

2.79 - 3.81 mm [.11 - .15 in]

Wire Size

.8 - 2 mm<sup>2</sup>**Usage Conditions**

Operating Temperature Range

-55 - 90 °C [-67 - 194 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Packaging Features**

Packaging Quantity

100

Packaging Method

Box, 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: JAN 2024  
(240)Candidate List Declared Against: JAN 2024  
(240)

SVHC &gt; Threshold:

Pb (13% in Component Part)

**Article Safe Usage Statements:**

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 &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

**Product Compliance Disclaimer**

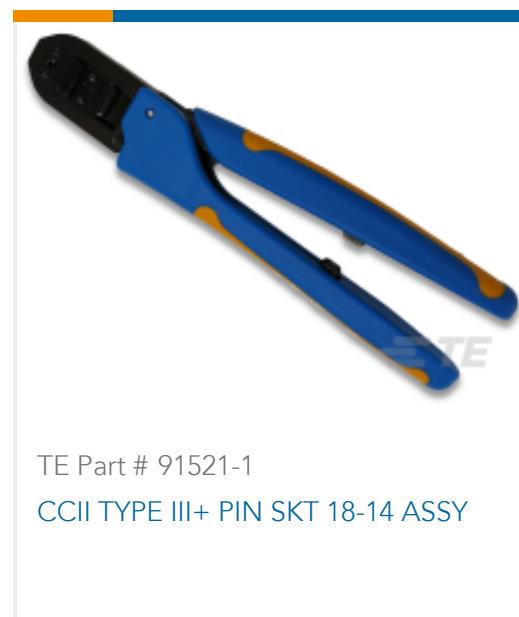
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 200893-2  
INSERTION TOOL CONT



TE Part # 91521-1  
CCII TYPE III+ PIN SKT 18-14 ASSY



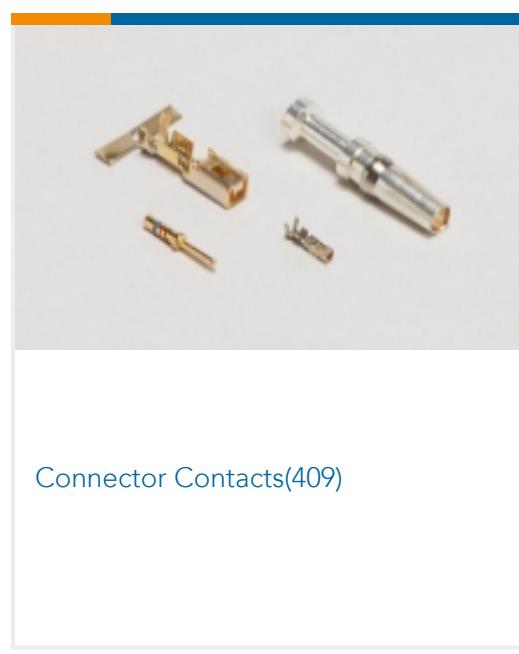
TE Part # 539972-1  
EXTRACTION TOOL



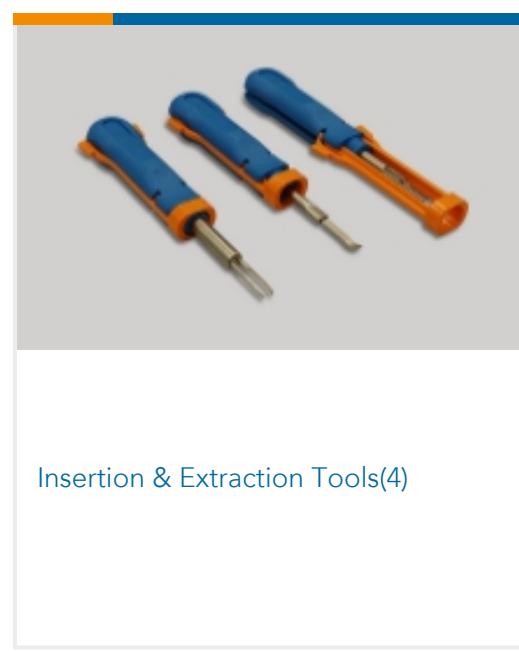
TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

## Also in the Series

### AMP Type III+



Connector Contacts(409)

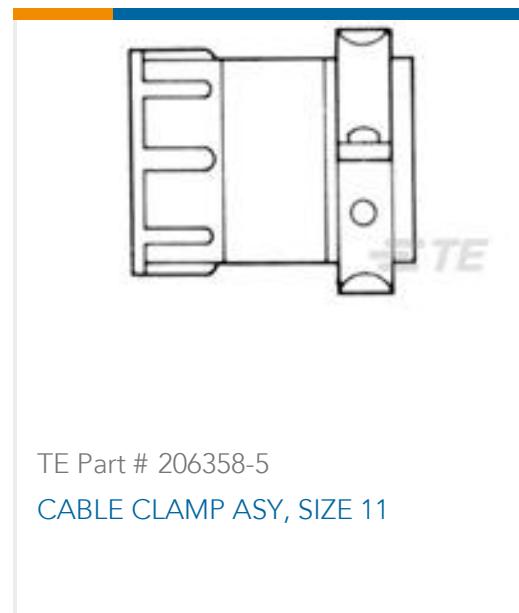


Insertion & Extraction Tools(4)

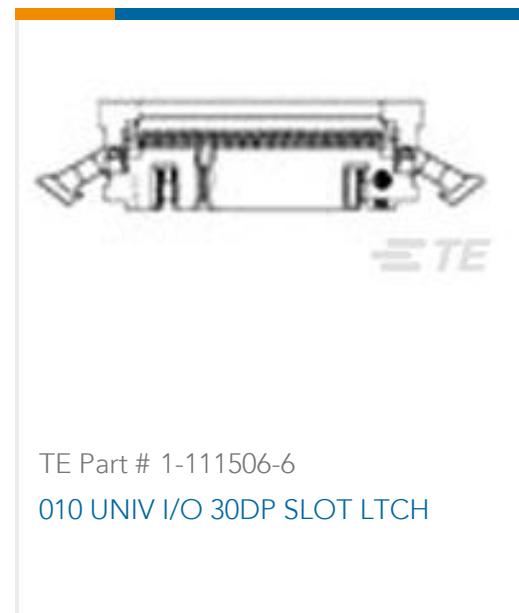
## Customers Also Bought



TE Part # 211400-1  
Cable/Panel Mount Connector, CPC Series 1



TE Part # 206358-5  
CABLE CLAMP ASY, SIZE 11



TE Part # 1-111506-6  
010 UNIV I/O 30DP SLOT LTCH



TE Part # 350552-1  
UMNL PIN 20-14 PTPBR L/P



TE Part # 1-66103-9  
III+ PIN,24-20,TIN,SMPACK



TE Part # 881545-2  
SHUNT LP W/HANDLE 2 POS 30AU



TE Part # 1478769-3  
ANTI-VIB NYLON GLD 20MM BLK



TE Part # 1878643-3  
M5031

## Documents

### Product Drawings

[III+ PIN,18-14,TIN-LEAD,SMPACK](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66602-6\\_S.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66602-6\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66602-6\\_S.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

Product Specification

English

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### Instruction Sheets

Instruction Sheet (U.S.)

Japanese

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

English