

1-163081-7 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 1-163081-7

Pin Contact, Silver, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75 – 1.5 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: **Silver**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Product Type Features

Discrete Wire Type **Stranded**

### Identification Marking

Contact Color Code **Blue**

### Mechanical Attachment

Wire Insulation Support **With**

### Packaging Features

Packaging Quantity **5000**

Packaging Method **Reel**

### Dimensions

Compatible Insulation Diameter Range **2 – 2.5 mm [.078 – .098 in]**

Wire Size **.75 – 1.5 mm<sup>2</sup>**

### Contact Features

Contact Underplating Material **Nickel**

Contact Orientation **Straight**



Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Thickness	1.52 µm[60 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	1.52 µm[60 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Type	Pin
Contact Mating Area Plating Material	Silver
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

#### Termination Features

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

#### 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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#### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

#### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)












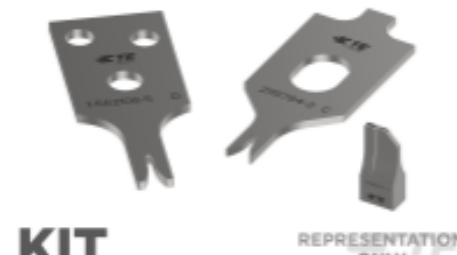
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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>

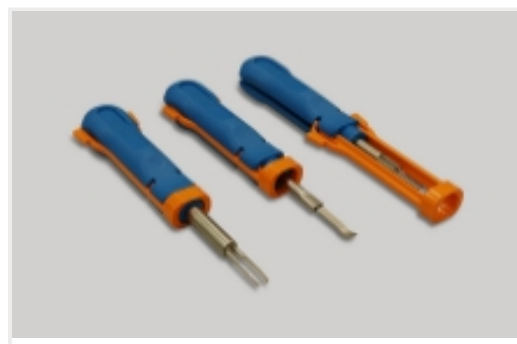
## Compatible Parts

 <p>TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE</p>	 <p>TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY</p>	 <p>TE Part # 200893-2 INSERTION TOOL CONT</p>	 <p>TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE</p>
 <p>TE Part # 539972-1 EXTRACTION TOOL</p>	 <p>TE Part # 305183 EXTRACT TOOL TYPE 2 20-16</p>	 <p>TE Part # 2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM</p>	 <p>TE Part # 2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA</p>
 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 5-2151023-1 OCEAN_2.0_Applicator-S-080F1200-RSM</p>	 <p>TE Part # 5-2151023-2 OCEAN_2.0_Applicator-S-080F1200-RSA</p>	 <p>TE Part # 7-2151023-7 OCEAN_2.0_SPARE_PART_KIT-080F1200</p>

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

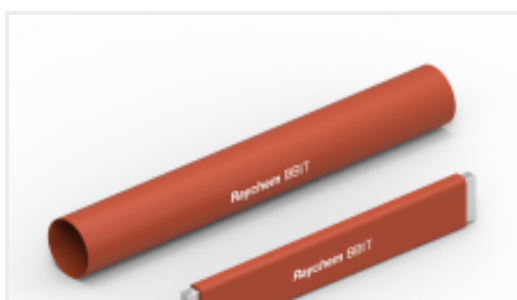
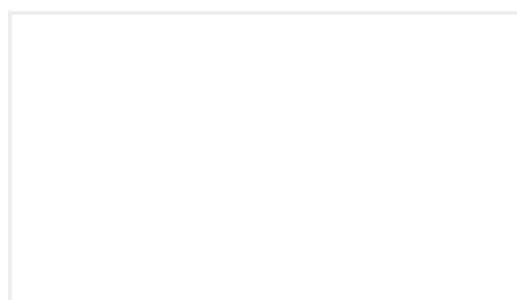


Connector Contacts(397)



Insertion &amp; Extraction Tools(4)

## Customers Also Bought

TE Part #183039-1  
SIZE 17-14 CPC PLUG ASS'YSTD STE Part #211399-1  
CPC PLUG ASSEMBLY SIZE 13-7TE Part #211398-1  
CPC RECPT. SIZE 13-7TE Part #183040-1  
CPC SQ.FL.RCPT STD SEX SIZETE Part #182649-1  
17-14 CPC PLUG RSTE Part #211401-2  
RECEPT,SZ 13-7,CPCTE Part #35772  
TERMINAL,SOLIS R 12-10 1/4TE Part #1-66100-9  
III+ SKT,18-16,TIN ,STRIPTE Part #568659-000  
BBIT-25/10-A/U-4(S25)TE Part #EN0127-000  
SMOE-64623

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-163081-7\\_BA.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-163081-7\\_BA.3d\\_igs.zip](#)

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Pin Contact, Silver, Size 16 Contact Size, 18 – 16 AWG Wire Size, .75 – 1.5 mm<sup>2</sup> Wire Size, Crimp, Brass, Power & Signal, AMP Type III+



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-163081-7\\_BA.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Product Specification](#)

English