# 163082-1 ✔ ACTIVE

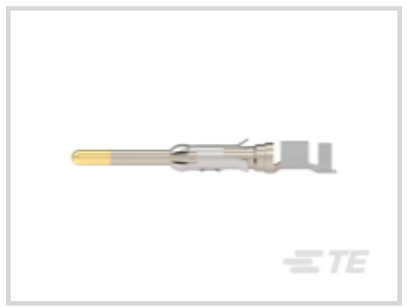
AMP | AMP Type III+

TE Internal #: 163082-1

Tin (Sn), Pin Contact, 18 – 16 AWG, .75 – 1.5 mm² Wire, Size 16, Crimp, Brass, Power & Signal, -55 – 90 °C [-67 – 194 °F], AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts




Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Product Type Features

| | |
|---|---|
| Discrete Wire Type | Stranded |

### Contact Features

| | |
|---|---|
| Contact Type | Pin |
| Contact Mating Area Plating Material | Tin (Sn) |
| Wire Contact Termination Area Plating Material | Tin |
| 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 | 5 µm[.197 µin] |
| Contact Mating Area Plating Material Finish | Bright |
| Wire Contact Termination Area Plating Material Thickness | 5 µm[.197 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright |

| | |
|---|---|
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |

## Termination Features

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

## Mechanical Attachment

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

## Dimensions

| | |
|---|---|
| Wire Size | .75 – 1.5 mm² |
| Compatible Insulation Diameter Range | 2 – 2.5 mm[.079 – .098 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 90 °C[-67 – 194 °F] |

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 200 |
| Packaging Method | Bag |

# 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 200893-2
INSERTION TOOL CONT



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



TE Part # 2063487-2
SDE TYPE III+ 0.2-2.5mm2 DIE SET



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 539972-1
EXTRACTION TOOL




TE Part # 2063487-1
SDE TYPE III+ 0.2-2.5mm2 ASSY



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



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

## Also in the Series | AMP Type III+



Connector Contacts(365)



Insertion & Extraction Tools(4)



Power Contacts(365)

## Customers Also Bought



TE Part #1607880001
TRSA-1016/C/1/6



TE Part #1-66101-9
III+ SKT,18-16,TIN ,LP



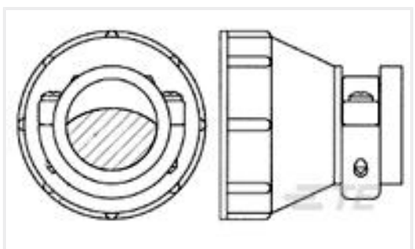
TE Part #130499
SOLIS SPADE 12-10 M4.5



TE Part #7-180984-5
250 FASTON BOOT FLAG REC. 1P BLACK



TE Part #182641-1
17-14 CPC SQ FLANGE RECPT RS



TE Part #182661-1
CPC Cable Clamp Kit, Size 17, Large, UV



TE Part #182916-1
CPC SQ.FL.RCPT STD SEX



TE Part #2176507-6
CJP 200W 1R5 5% Lead



TE Part #1-2176508-8
CJP 300W 15R 5% Lead



TE Part #2-1102628-5
HIP-K.24/64.AG.M6.D

## Documents

### Product Drawings

PIN, MALE

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163082-1_AW.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_163082-1_AW.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_163082-1_AW.3d_stp.zip

English

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

## Product Specifications

English