# 1-163088-0 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 1-163088-0

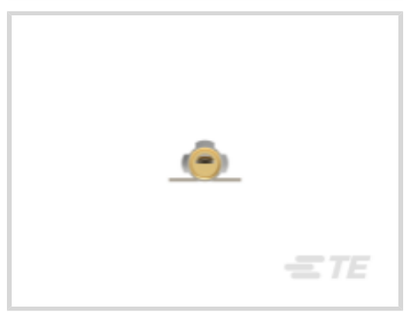
Gold (Au), Socket Contact, 24 – 20 AWG, .2 – .5 mm² Wire, Size 16, Crimp, Brass, Power & Signal, -55 – 150 °C [-67 – 302 °F], AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold Flash**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Product Type Features

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

### Contact Features

| | |
|---|---|
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold (Au) |
| Wire Contact Termination Area Plating Material | Gold Flash |
| 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 | .76 µm[30 µin] |
| Contact Mating Area Plating Material Finish | Bright |
| Wire Contact Termination Area Plating Material Thickness | 1.02 µm[40 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright |

| | |
|---|---|
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | .76 µm[30 µin] |

## Termination Features

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

## Mechanical Attachment

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

## Dimensions

| | |
|---|---|
| Wire Size | .2 – .5 mm² |
| Compatible Insulation Diameter Range | 1.1 – 1.8 mm[.043 – .07 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °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 # 200893-2
INSERTION TOOL CONT



TE Part # 169400
CERTI-LOK FRAME W/O DIES



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



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 # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY




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



TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm2 DIE SET




TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm2 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)

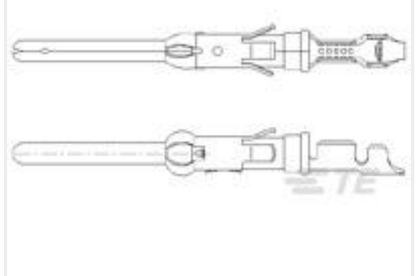
## Customers Also Bought



TE Part #813874-SF
IL13-SE-H05-3100-500



TE Part #GA10K3MCD1
MCD PROBE, 10K OHMS,+/- 0.2C @ 25C



TE Part #163086-1
062 PIN ASS. TYP3+



TE Part #206043-1
RECEPT,SZ 17-14 CPC



TE Part #320677
BUDGET R 22-16COMM 22-18MIL 2



TE Part #1-1703930-2
NANOMQS, RECEPTACLE TERMINAL



TE Part #5-1879073-0
THS10 10K 5%

TE Part #7738610001
TMS-SCE-1/4-2.0-5

TE Part #6982790001
TMS-SCE-5K-1/8-2.0-4

TE Part #6-1768383-4
LBF-2000P-RIBBON-1966-MED

## Documents

### Product Drawings

SPEC. PLATED

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-163088-0_AD.2d_dxf.zip

English

3D PDF

## 3D

### Customer View Model

ENG_CVM_CVM_1-163088-0_AD.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1-163088-0_AD.3d_stp.zip

English

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

## Product Specifications

English