# 1-66361-4 ✔ ACTIVE

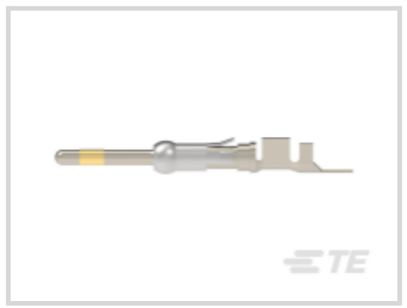
AMP | AMP Type III+, Circular Plastic Connectors Series 1

TE Internal #: 1-66361-4

Gold (Au), Pin Contact, 18 – 14 AWG, .8 – 2 mm² Wire, Size 16, Crimp, Copper Nickel Alloy, Power & Signal, -55 – 150 °C [-67 – 302 °F], AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts




Contact Type: **Pin**

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

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Contact Features

| | |
|---|---|
| Contact Type | Pin |
| Contact Mating Area Plating Material | Gold (Au) |
| Wire Contact Termination Area Plating Material | Gold |
| Contact Retention Within Housing | With |
| Contact Size | Size 16 |
| Contact Base Material | Copper Nickel Alloy |
| Contact Current Rating (Max) | 25 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 Thickness | .12 – .2 µm[5 – 8 µin] |
| Wire Contact Termination Area Plating Material Finish | Matte |
| 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 | .8 – 2 mm² |
| Compatible 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 |

## Identification Marking

| | |
|---|---|
| Contact Color Code | Violet |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1000 |
| Packaging Method | Carton, Loose Piece |

# 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 # 539972-1
EXTRACTION TOOL



TE Part # 213851-1
CPC PLUG ASSEMBLY SIZE 23-24



TE Part # 208714-1
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208457-3
CMC PLUG ASSEMBLY,SZ 28-24



TE Part # 1977884-1
SLD CPC PLUG ASSY,13-9,STD SEX, UV RESIS



TE Part # 208488-1
CMC PLUG ASSEMBLY,SZ 22



TE Part # 796450-1
PLUG ASSY,CPC,17-9,REV SEX



TE Part # 796449-1
PLUG ASSY,CPC,17-14,REV SEX



TE Part # 796288-1
PLUG.ASSY,23-37STD SEX THRD AD



TE Part # 208714-2
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208488-3
CMC PLUG ASSEMBLY,SZ 22



TE Part # 206554-1
CPC PLUG ASSEMBLY SIZE 17-16



TE Part # 213852-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 211772-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 208470-3
CMC PLUG ASSEMBLY,SZ 28



TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206060-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 211766-1
CPC PLUG ASSEMBLY SIZE 17-9



TE Part # 208720-1
PLUG ASSY,SZ 14,CMC



TE Part # 1977887-1
PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS

## Also in the Series | AMP Type III+



Connector Contacts(260)



Insertion & Extraction Tools(4)



Power Contacts(260)

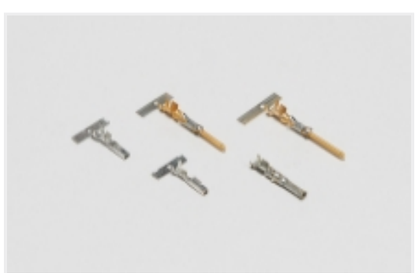
## Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

## Customers Also Bought



TE Part #802435-SF
FN2030-20-06



TE Part #66105-4
III+ SKT,24-20,30AU/FL,LP



TE Part #66360-4
SOCKET ASSEMBLY, LOOSE PIECE, TYPE III+



TE Part #66400-2
III+ PIN,24-20,30AU>10,LP



TE Part #206043-4
CPC RECPT ASSEMBLY SIZE 17-14



TE Part #282191-2
SPLASH PROOF CONN. W.S.L.



TE Part #6-1614884-0
CPF 0805 820R 0.1% 25PPM 1K RL




TE Part #1-2176232-5
3522 510K 1% 3W



TE Part #2364699-2
AVH25 FLT SS LK NO LED 26A

TE Part #T4171110005-002
M12,REAR MOUNTING,FEMALE,A,5P, 0.5M WIRE

## Documents

### Product Drawings

III+ PIN,18-14,30AU/FL,LP

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-66361-4_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66361-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66361-4_G.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

### Product Specifications

Engineering Report

English