

66564-6 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66564-6

Pin Contact, Tin, Size 16 Contact Size, 24 – 20 AWG, .2 – .6 mm<sup>2</sup>

Wire, Crimp, Brass, 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: **Tin**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

## Features

### Identification Marking

Contact Color Code	Yellow
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### Mechanical Attachment

Wire Insulation Support	With
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### Packaging Features

Packaging Quantity	4000
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Packaging Method	Reel
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### Dimensions

Compatible Insulation Diameter Range	1.52 – 3.05 mm [.06 – .12 in]
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Wire Size	.2 – .6 mm <sup>2</sup>
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### Contact Features

Contact Underplating Material	Nickel
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Contact Orientation	Straight
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Mating Pin Diameter	1.57 mm [.062 in]
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Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin-Lead
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	Not Compliant
EU ELV Compliance	Compliant with Exemptions

#### 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) <small>Article Safe Usage Statements:</small>

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 < 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



## Also in the Series | AMP Type III+



Connector Contacts(397)

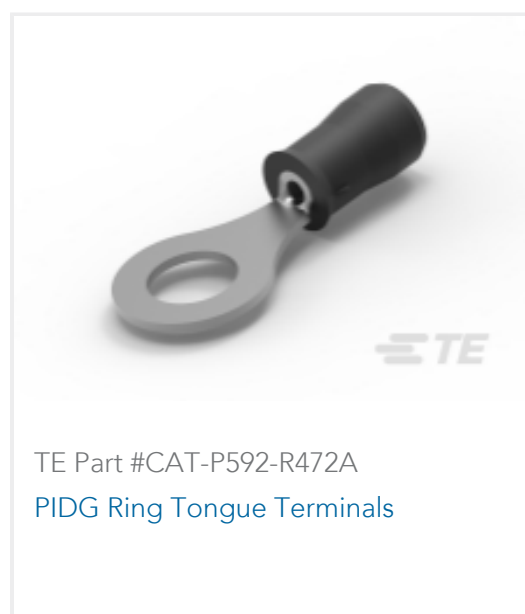
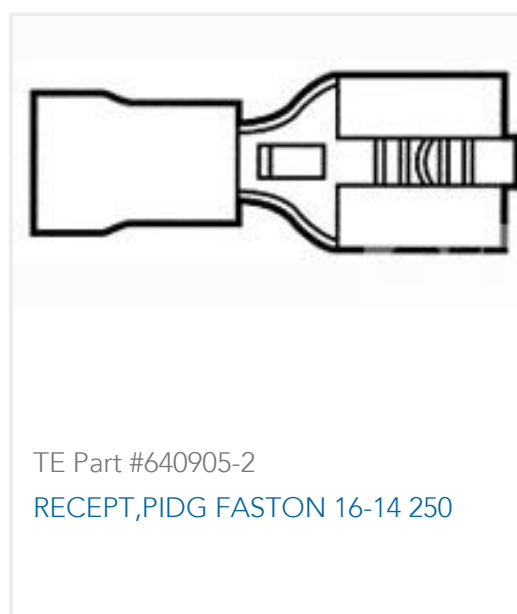
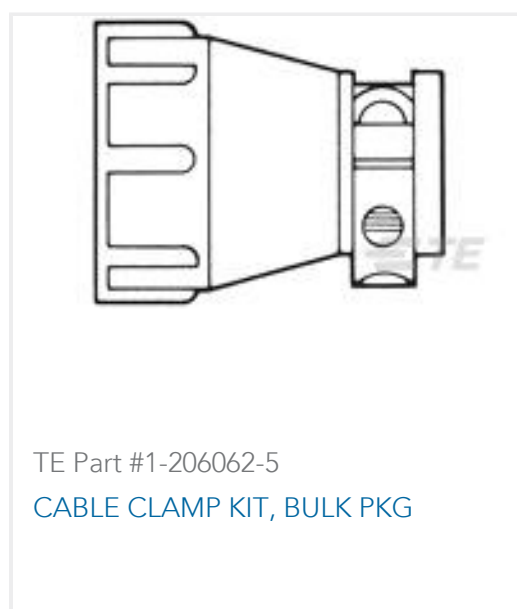


Insertion &amp; Extraction Tools(4)



Power Contacts(397)

## Customers Also Bought

TE Part #CAT-P592-R472A  
PIDG Ring Tongue TerminalsTE Part #ADP-SMAF-SMAF-B-G  
SMA Jack to SMA Jack BulkheadTE Part #640905-2  
RECEIPT,PIDG FASTON 16-14 250TE Part #66565-2  
III+ SKT,24-20,TIN-LEAD,LPTE Part #1393771-7  
JWD-171-10=REED RELAYSTE Part #YDTS26W13-35SNV001  
PLUG ASSYTE Part #1-206062-5  
CABLE CLAMP KIT, BULK PKGTE Part #8-1437627-4  
G12KA=BUTTON GUARD KNURL  
ALUM

## Documents

### Product Drawings

III+ PIN,24-20,TIN-LEAD,STRIP

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66564-6\\_AC.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66564-6\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66564-6\\_AC.3d\\_stp.zip](#)



English

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

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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

Japanese

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

English