



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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

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

Contact Size: **Size 16**

Wire Size: **32 AWG**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 1.6 mm[.063 in]  |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]   |
| Wire Contact Termination Area Plating Material Finish | Matte            |
| Contact Shape & Form                                  | Square           |
| Wire Contact Termination Area Plating Thickness       | 2.54 µm[100 µin] |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Gold (Au)        |
| Wire Contact Termination Area Plating Material        | Tin              |
| Contact Size                                          | Size 16          |
| Contact Base Material                                 | Brass            |
| Contact Current Rating (Max)                          | 13 A             |



Termination Features

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

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|           |                     |
|-----------|---------------------|
| Wire Size | .03 mm <sup>2</sup> |
|-----------|---------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 1000   |
| Packaging Method   | Carton |

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

TE Part # 5-66461-5  
SKT,.062 DIA,.025 SQ POST,LP

Also in the Series | AMP Type III+

Connector Contacts(365)

Insertion & Extraction Tools(4)

Power Contacts(365)

Customers Also Bought

TE Part #0838016002  
RBK-VWS-125-NR1-X-50MM

TE Part #1-1423159-3  
7012OD=RLY,STD,ON,2P,24VDC,50

TE Part #1-208223-1  
CPC RCPT ASSEMBLY SIZE 13-9

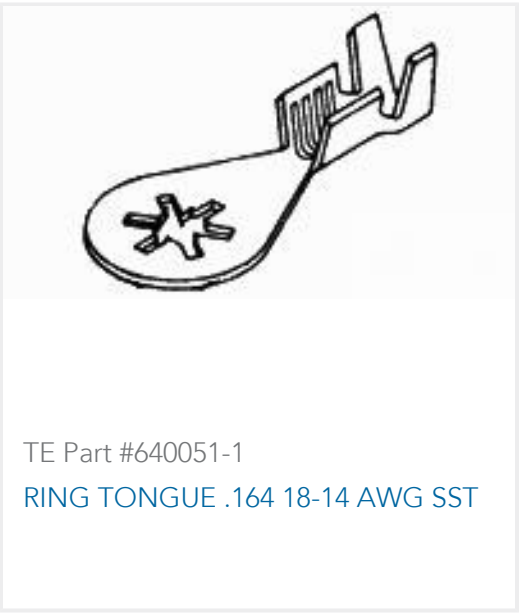
TE Part #1-747299-6  
15 RCPT SP/FMS SCRLK

TE Part #34128  
TERMINAL,SOLIS SPD 16-14 8

TE Part #T4110512041-000  
M12 F, 4P GOLD D\_CODE S SHIELDED PG9

TE Part #1-6609021-1  
20VB1=F7130 S0

TE Part #1-207303-4  
CPC RECPT ASSM SIZE 17-16



Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_6-66460-2\_AR1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_6-66460-2\_AR1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_6-66460-2\_AR1.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-66460-2\_BK.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-66460-2\_BK.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-66460-2\_BK.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Signal Contacts

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Autowire Contacts and Connectors

English

6-66460-2

Pin Contact, Gold (Au), Size 16 Contact Size, 32 AWG, .03 mm<sup>2</sup> Wire, Wire Wrap,  
Brass, Power & Signal, -55 – 150 °C [-67 – 302 °F], AMP Type III+

