

### **AMP**

TE Internal #: 66256-2

Power Contacts, Contact, Gold, 16 AWG / 14 – 12 AWG Wire Size, 2 – 3 mm<sup>2</sup> / 1.25 – 1.4 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable,

Crimp, Power & Signal

View on TE.com >



Connectors > Power Connectors > Power Contacts



Power Contact Type: Contact

Contact Mating Area Plating Material: Gold

Wire Size: 1.25 – 1.4 mm², 2 – 3 mm²
Connector System: Wire-to-Wire

### **Features**

### **Product Type Features**

| Power Contact Type                                    | Contact          |
|---|------------------|
| Connector System                                      | Wire-to-Wire     |
| Connector & Contact Terminates To                     | Wire & Cable     |
| Electrical Characteristics                            |                  |
| Test Current  | 35 A             |
| Contact Features                                      |                  |
| Contact Mating Area Plating Material                  | Gold             |
| Contact Current Rating (Max)                          | 35 A             |
| Contact Type  | Tab              |
| Mating Tab Width                                      | 5.84 mm[.23 in]  |
| Mating Tab Thickness                                  | 2.67 mm[.105 in] |
| Contact Base Material                                 | Copper           |
| Contact Mating Area Plating Material Thickness        | .76 μm[30 μin]   |
| Wire Contact Termination Area Plating Thickness       | .76 μm[30 μin]   |
| Wire Contact Termination Area Plating Material        | Gold             |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Orientation                                   | Right Angle      |
| Contact Underplating Material                         | Copper           |

**Termination Features** 



| Termination Method to Wire & Cable     | Crimp  |
|--|--|
| Mechanical Attachment                  |  |
| Wire Insulation Support                | With   |
| Dimensions                             |  |
| Wire Size                              | 1.25 – 1.4 mm², 2 – 3 mm²  |
| Accepts Wire Insulation Diameter Range | 3.43 – 4.06 mm[.135 – .16 in]                                      |
| Usage Conditions                       |  |
| Operating Temperature Range            | -40 - 85 °C[-40 - 185 °F]  |
| Operation/Application                  |  |
| Circuit Application                    | Power & Signal   |
| Packaging Features                     |  |
| Packaging Method                       | Reel   |
| Packaging Quantity                     | 1500   |
| Other                                  |  |
| Wire/Cable Type                        | Discrete Wire  |
| For Use With                           | CPC Connectors, G Series Connectors, M<br>Series Connectors        |
| Comment                                | The long pin is 0.126 inches (3.2 mm) longer than the standard pin |
|  |  |

# **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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content  |
| Solder Process Capability                     | Not applicable for solder process capability  |
|   |   |



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 # 206037-2 CPC PLUG ASSEMBLY SIZE 17-3



TE Part # 90382-2 HHHT TYPE XII 16-12 ASSY



TE Part # 7-1579008-6
UNLOCKING TOOL



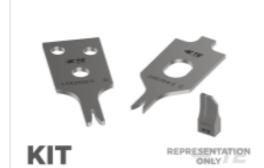
TE Part # 2-2151426-2 OCEAN\_2.0\_APPLICATOR-S-140F210O



TE Part # 2151426-2 OCEAN\_2.0\_APPLICATOR-S-140F210O



TE Part # 7-2151426-2 OCEAN\_2.0\_APPLICATOR-S-140F210O



TE Part # 7-2151426-7 OCEAN\_2.0\_SPARE\_PART\_KIT-140F210O



TE Part # 539668-2 MATRIZE TYPE 3+

# Customers Also Bought



TE Part #206207-1 17-3 RECEPT. FREE-HANGING



TE Part #164164-2 PIN ASS



TE Part #1-66358-9
III+ SKT,18-14,30AU/FL,STRIP



TE Part #CTL-16-513
JUNCTION ASSY





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### **Documents**

### **Product Drawings**

MALE CONTACT ASSY. (STRIP)

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_66256-2\_AC.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_66256-2\_AC.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_66256-2\_AC.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

**Power Contacts** 

English

M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

English

Products for Aerospace and Defense

English

**Product Specifications** 

**Application Specification** 

English