



MULTI-BEAM

TE Internal #: 1-1600960-7
Receptacle Contact, Gold (Au), 300 VAC / 60 VAC, 300 VDC / 60 VDC, 10 – 8 AWG, 5 – 8 mm² Wire, 10382 – 16507 CMA, Crimp, Copper Alloy, Power
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **60 VDC, 300 VDC**

Features

Product Type Features

| | |
|----------|----|
| Sealable | No |
|----------|----|

Electrical Characteristics

| | |
|-------------------|-----------------|
| Operating Voltage | 60 VDC, 300 VDC |
|-------------------|-----------------|

Contact Features

| | |
|---|------------------------------|
| Contact Underplating Material | Nickel |
| Contact Orientation | Straight |
| Contact Underplating Material Thickness | 50 – 100 µm[50 – 100 µin] |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
| Wire Contact Termination Area Plating Material Finish | Matte |
| Wire Contact Termination Area Plating Thickness | 1.27 – 2.54 µm[50 – 100 µin] |
| Barrel Type | Open |
| Contact Type | Receptacle |
| Contact Mating Area Plating Material | Gold (Au) |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Retention Within Housing | Without |



| | |
|------------------------------|--------------|
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 42 A |

Termination Features

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

Mechanical Attachment

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

Dimensions

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|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 4.4 – 6.9 mm[.176 – .272 in] |
| Wire Size | 10382 – 16507 CMA |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method | Reel |

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) Candidate List Declared Against: JAN 2025 (247) 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 # 1600960-1
CONT 8-10AWG PWR BLANK STRIP

Customers Also Bought

TE Part #1-1600788-0
SQUEEZE REL RECEPT ASSY W/KEYS

TE Part #134122-1
TERM, PIDG, R, IR, 14, M5

TE Part #66359-4
PIN CONT,.062 DIA,TYPE III

TE Part #1-967657-1
4pos MQS 0.63 header 90deg

TE Part #160002
TERM,SOLIS R 2 M10

TE Part #640310-6
UMNL SOK 12-10 AU/PHBZ

TE Part #53246-1
TERMINAL,PG SPR SPD 12-10 6

TE Part #1600902-1
INSERT MBXL 2 SIGNAL LOCK 4POS



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1600960-7_D1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1600960-7_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1600960-7_D1.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

Product Specifications

Application Specification

English