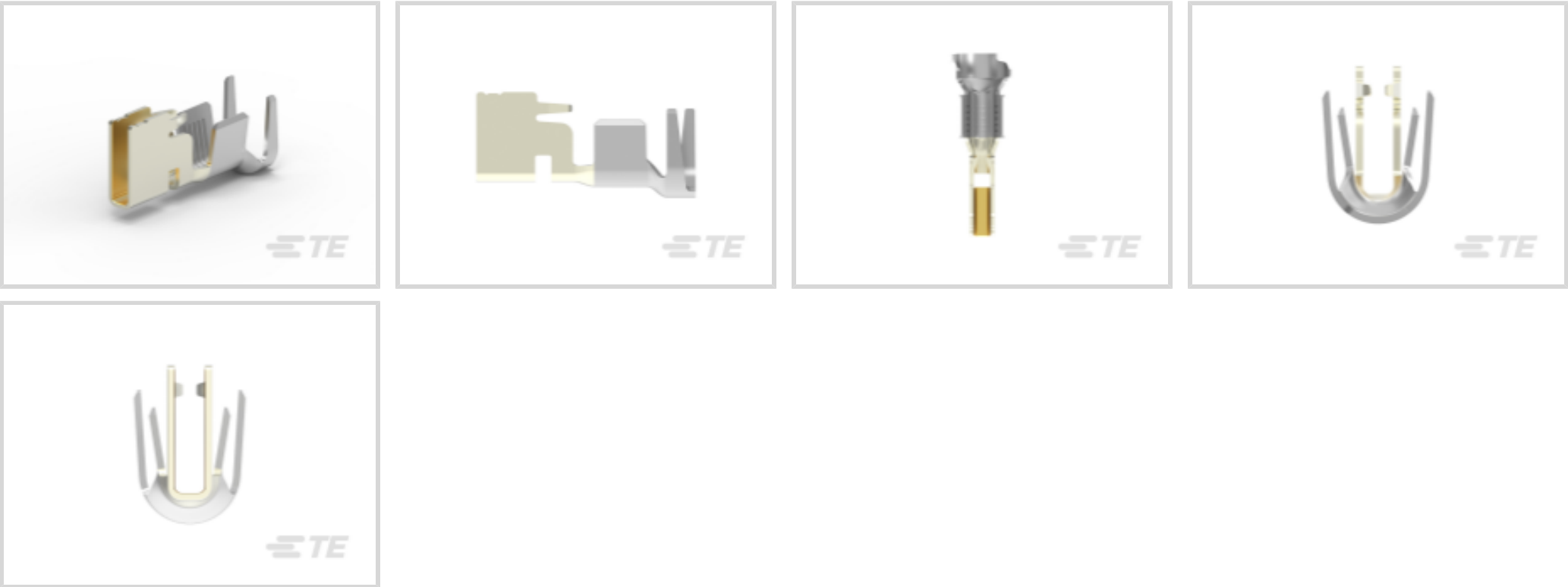




MULTI-BEAM

TE Internal #: 1-1600960-8
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
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Electrical Characteristics

Operating Voltage	60 VDC, 300 VDC
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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
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Dimensions

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]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

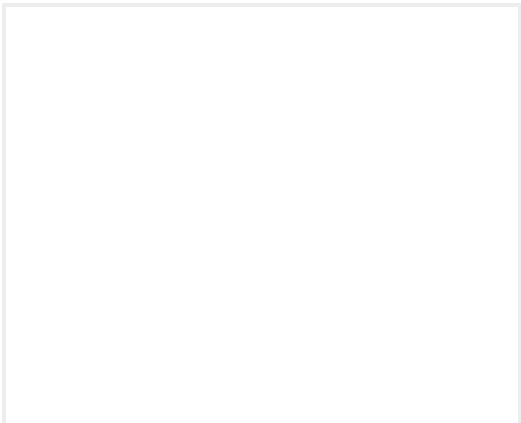
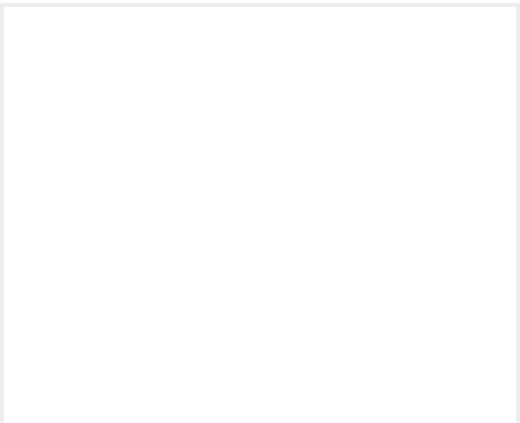
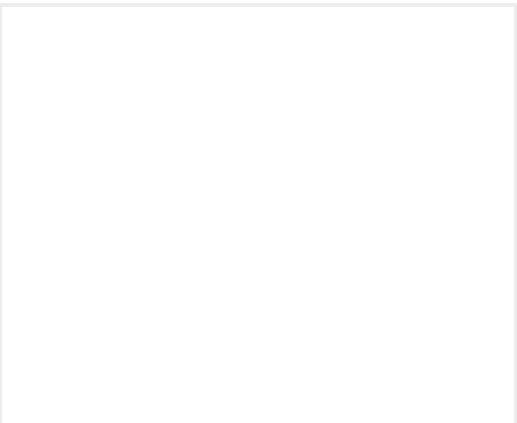
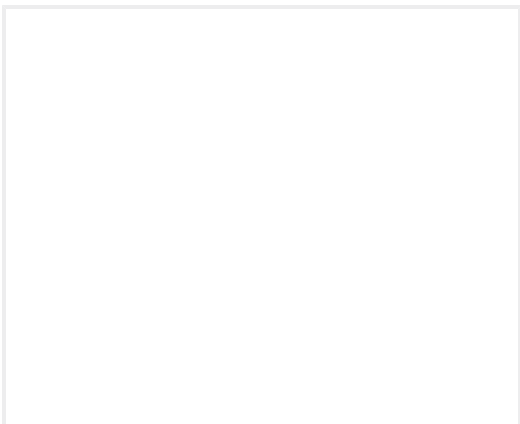
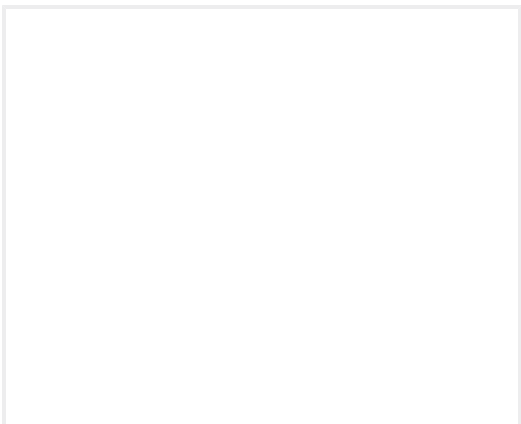
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

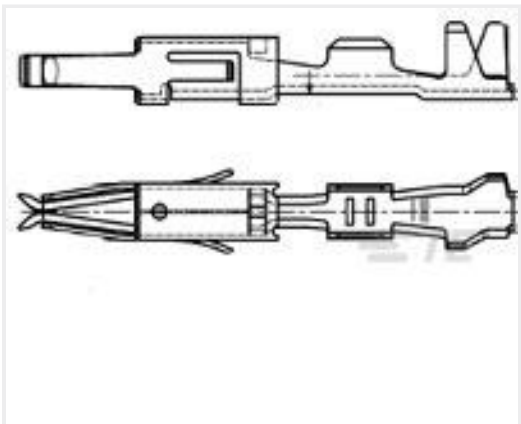
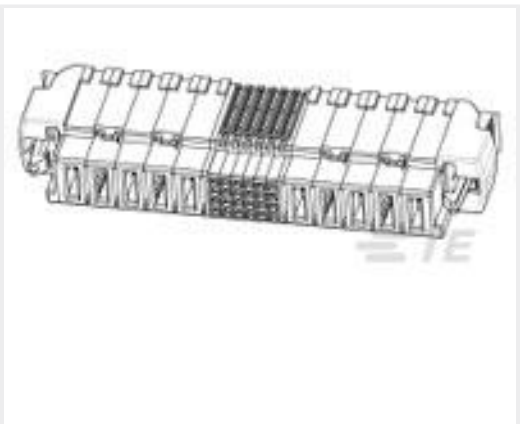


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1600238-0 STR W/KEYS,MBXL, 24S	 TE Part # 1761386-3 CONT PLUG 12-14AWG MULTI BEAM	 TE Part # 1600960-1 CONT 8-10AWG PWR BLANK STRIP	 TE Part # 8-2204973-2 SQUE REL REC ASSY W/K,2ACP/24S /2ACP
 TE Part # 6-1892820-0 SQUE REL REC ASSY W/K, 2ACP12S2ACP	 TE Part # 8-1892820-1 SQUE REL REC ASSY W/K,8P		

Customers Also Bought

 TE Part #1-1600961-7 CONT 12-16 AWG PWR, MFBLL PLATE	 TE Part #962942-1 MT2 REC 1.6 Contact SRC Sn	 TE Part #1600798-2 STR RCPT ASSY MBXL W/KEYS 2ACP	 TE Part #1-1879363-4 THS75 330R 5%
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Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1600960-8_D1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1600960-8_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1600960-8_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