



MULTI-BEAM

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

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Gold**
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 Thickness	50 – 100 µm[50 – 100 µin]
Wire Contact Termination Area Plating Thickness	1.27 – 2.54 µm[50 – 100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

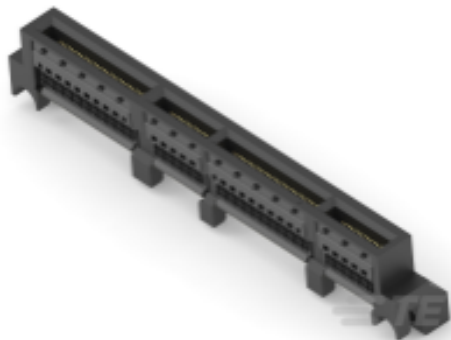


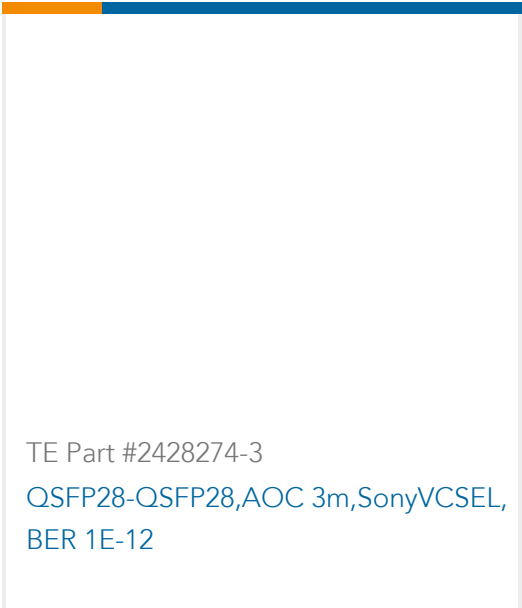
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1385638-1 HDM SAPR176F220O LM	 TE Part # 1385638-2 HDM SAPR176F220O K	 TE Part # 1385638-3 HDM SAPR176F220O G	 TE Part # 1600960-1 CONT 8-10AWG PWR BLANK STRIP
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Customers Also Bought

 TE Part #DP86-005D 5 PSID MV DIFFERENTIAL PRESSURE SENSOR	 TE Part #3-640441-8 08P MTA100 CONN ASSY WHT	 TE Part #2-179958-6 DYNAMIC D-5 REC HSG Y SGL ROW	 TE Part #4-2333393-3 QSFP 56GIG 30AWG 1 METER
 TE Part #1-1600961-8 CONT 12-16 AWG PWR, STD PLATE	 TE Part #336369-1 250 FASTON HSG.,REC.,1 POS, NATRUAL	 TE Part #1-2340321-2 ASSY STRADDLE MOUNT 168P 076 SLIVER 2.0	 TE Part #TRAB24003 OMNI,SB,PH,2400-2500 3,3/4 MT BLK



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