

MULTI-BEAM

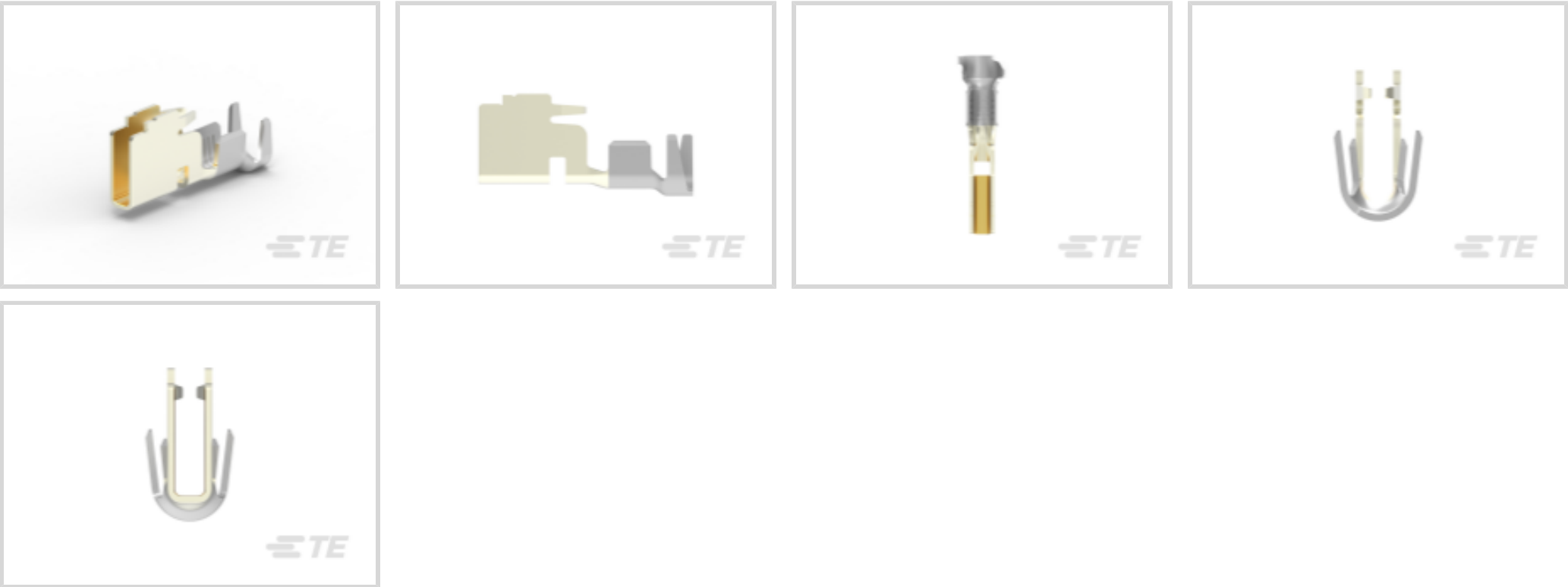
TE Internal #: 1-1600961-8

Receptacle Contact, Gold, 300 VAC / 60 VAC, 300 VDC / 60 VDC,
14 – 12 AWG, 2.5 – 4 mm² Wire, 4107 – 6530 CMA, Crimp, Copper
Alloy, Power

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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

Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

Dimensions

Compatible Insulation Diameter Range	3 – 4.4 mm[.12 – .176 in]
Wire Size	4107 – 6530 CMA

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
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	Without
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	42 A

Electrical Characteristics

Operating Voltage	60 VDC, 300 VDC
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Product Type Features

Sealable	No
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 7-2837091-7
OCEAN_2.0_SPARE_PART_KIT



TE Part # 2837091-2
OCEAN-2.0-APPLICATOR-S-SSA

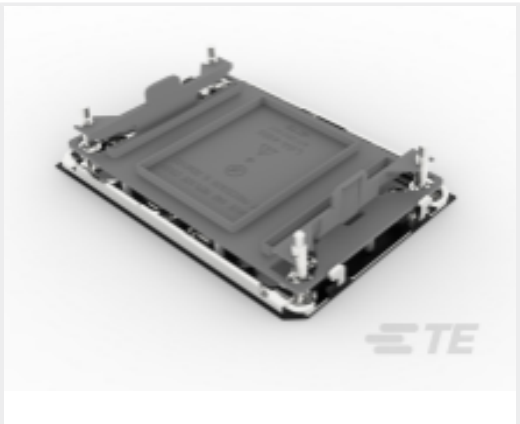
Customers Also Bought



TE Part #6450160-3
MBXL R/A RCPT 1P+24S+1P



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



TE Part #2-2330550-2
SOCKET P4 BOLSTER PLATE ASSY, W/ COVER



TE Part #2-2340321-1
ASSY STRADDLE MOUNT 168P 093 SLIVER 2.0



TE Part #2327678-3
RECEPTACLE ASSY, 84 P, VERT, SLIVER 2.0



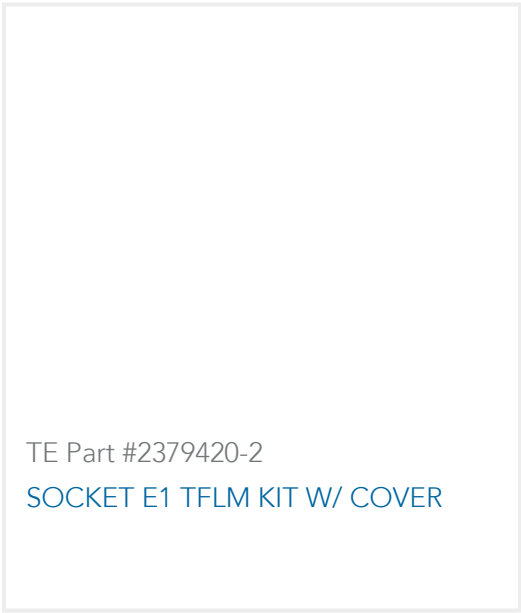
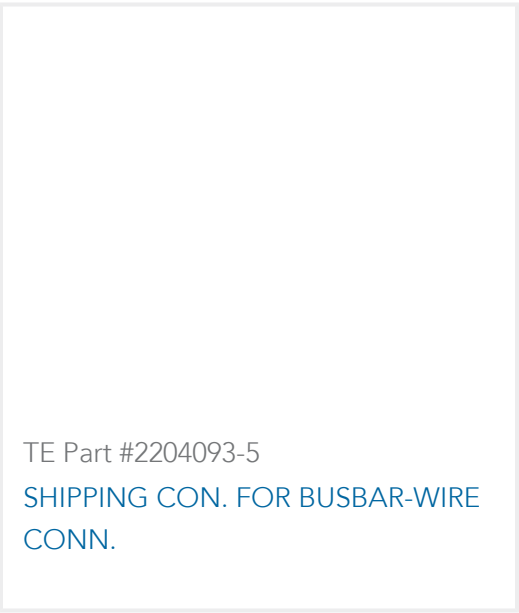
TE Part #2328461-2
280 POS., CONNECTOR ASSEMBLY, SLIVER 2.0



TE Part #2332139-2
RECEPT ASSY, 140 POS, VERT, SLIVER 2.0



TE Part #2354166-2
SAS/PCIE 4.0 (U.2/U.3) RECEPTACLE, 68POS



Documents

Product Drawings

CONT 12-16 AWG PWR, STD PLATE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1600961-8_B1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1600961-8_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1600961-8_B1.3d_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