

TE Internal #: 794000-1
Receptacle Contact, Tin, 250 VAC, 250 VDC, 26 – 24 AWG Wire Size, .12 – .2 mm² Wire Size, 236.823 – 394.705 CMA Wire Size, Crimp, Phosphor Bronze

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Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Fabrication	Stamped & Formed
Mating Pin Diameter	1.96 mm[.077 in]
Wire Contact Termination Area Plating Thickness	3.3 µm[130 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.4 µm[15.75 µin]
Contact Orientation	Straight
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	9 A
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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	.64 – 1.27 mm [.025 – .05 in]
Wire Size	236.823 – 394.705 CMA

Usage Conditions

Operating Temperature Range	-55 – 85 °C [-67 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Reel
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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 # 58514-1 PROCrimp TL W/DIE MR26-18	TE Part # 2063388-1 TOOL, EXTRACTION	TE Part # 58514-2 PROCrimp DIE MR26-18	TE Part # 91534-1 CCII MR PIN REC 26-24 ASSY
TE Part # 2837099-1 OCEAN-2.0-APPLICATOR-S-055F070F-RSM	TE Part # 2837099-2 OCEAN-2.0-APPLICATOR-S-055F070F-RSA	TE Part # 7-2837099-7 OCEAN_2.0_SPARE_PART_KIT-055F070F	TE Part # 466352-2 HDM SMPR055F070FK

Customers Also Bought

TE Part #177914-1 AMP POWER DBL LOCK REC (S)	TE Part #1-640508-0 03P MR II CAP HSG V0	TE Part #1-640518-0 03P MR II PLUG HSG	TE Part #1-640519-0 04P MR II PLUG HSG
TE Part #1-640517-0 02P MR II PLUG HSG	TE Part #1586106-3 3P RCPT VAL-U-LOK SR V0	TE Part #350967-1 MR PIN PTPPHBZ	TE Part #794956-3 VAL-U-LOK SKT PHBZ SN 22-18AWG



Documents

Product Drawings

MR RECEPTACLE PTPPHBZ

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794000-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_794000-1_O.3d_stp.zip

English

Customer View Model

ENG_CVM_794000-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794000-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794000-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794000-1_E.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

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