

TE Internal #: 641294-2
Socket Contact, Gold, 250 VAC, 250 VDC, 26 – 18 AWG Wire Size, .
12 – .8 mm² Wire Size, 236.823 – 1578.82 CMA Wire Size, Crimp,
Phosphor Bronze

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Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Nickel**
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	1.98 mm[.077 in]
Contact Underplating Material Thickness	1.27 µm[1.27 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	9 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	.64 – 2.92 mm [.05 – .115 in]
Wire Size	236.823 – 1578.82 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 # 91526-1 CCII MR II+ REC 26-18 ASSY	TE Part # 2063388-1 TOOL, EXTRACTION	TE Part # 58514-2 PROCrimp DIE MR26-18
TE Part # 2151229-1 OCEAN-2.0-APPLICATOR-S-055F120F-RSM	TE Part # 2151229-2 OCEAN-2.0-APPLICATOR-S-055F120F-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 5-2151229-1 OCEAN-2.0-APPLICATOR-S-055F120F-RSM
TE Part # 5-2151229-2 OCEAN-2.0-APPLICATOR-S-055F120F-RSA	TE Part # 7-2151229-7 OCEAN_2.0_SPARE_PART_KIT-055F120F		

Customers Also Bought

TE Part #66598-2 III+ SKT,18-14,30AU/FL,STRIP	TE Part #52291-4 TERMINAL R PG 8 5/16	TE Part #350218-6 UMNL PIN 20-14 .0125AUPHBZ	TE Part #350967-2 MR PIN AU/PHBZ
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TE Part #1-1393250-9
W28-XQ1A-0.25=W28

TE Part #859526-4
4 CAV FLANGED RECEPT KIT

TE Part #5-1393117-5
KUP-11D55-110=KU

TE Part #863022-1
PLUG ASS'Y, 4 PIN

TE Part #745781-6
09 MSFL RCPT RA 318 (SL,FM)

TE Part #6264570001
RPS-1K-18-12/2.0-S2-9

Documents

Product Drawings

MR RECPT 26-18 AUNI/AUPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_641294-2_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_641294-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_641294-2_T.3d_stp.zip

English

Customer View Model

ENG_CVM_641294-2_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_641294-2_E1.3d_stp.zip

English

Customer View Model

ENG_CVM_641294-2_E1.2d_dxf.zip

English

3D PDF

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG
English

Product Specifications
Application Specification
English