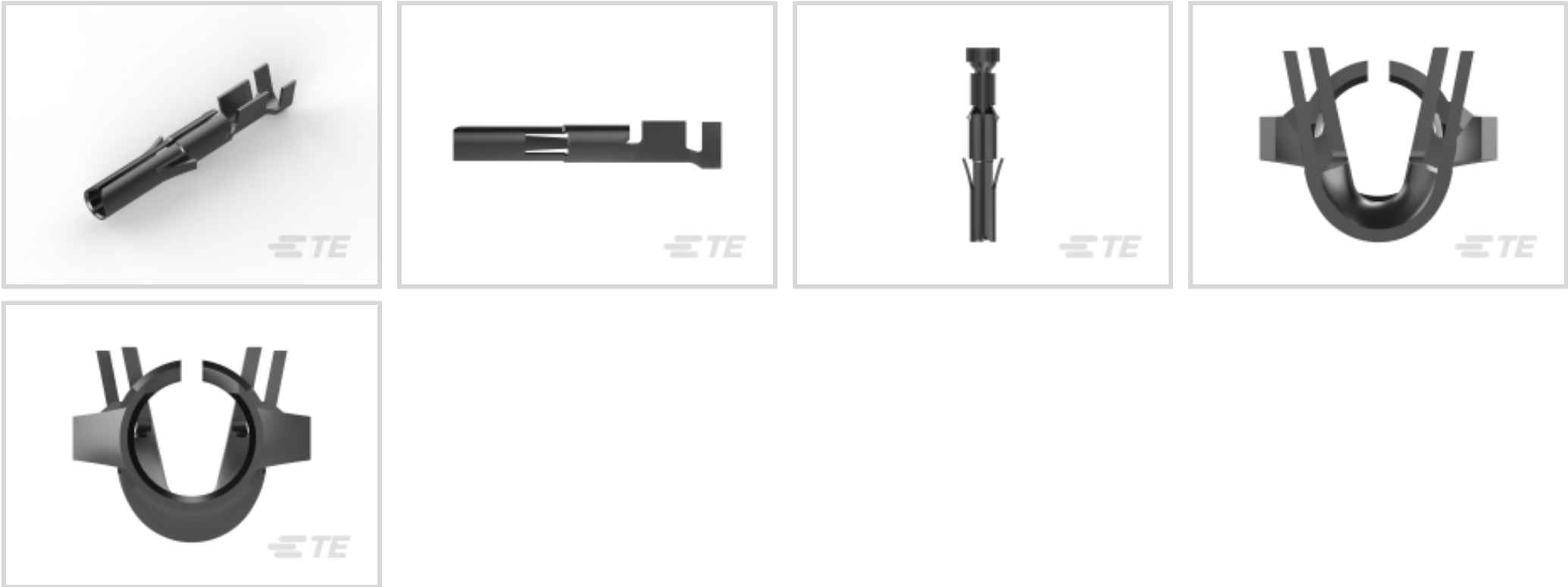




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VAC**
Contact Mating Area Plating Material: **Pre-Tin**
Wire Size: **.2 – .82 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	19 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.13 mm[.084 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Material Thickness	.4 – 2 µm[15.74 – 78.74 µin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without
Dimensions	
Wire Size	.2 – .82 mm²
Accepts Wire Insulation Diameter Range	1.02 – 2.54 mm[.04 – .1 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
CSA Rating	Certified
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	Yes
Agency/Standard	CSA, UL
CSA File Number	LR 7189
UL Rating	Recognized
UL File Number	E28476
Packaging Features	
Packaging Method	Reel
Packaging Quantity	7500
Other	
Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Universal MATE-N-LOK Plug or Socket Housing

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 91510-1
CCI UNML UNML II PIN SKT 24-18 ASSY

TE Part # 90548-2
PROCRIMPER DIE ASSY UNIV MNL

TE Part # 1804030-1
EXTRACTION TOOL ASSY

TE Part # 1-480705-2
06P UNML CAP HSG RED

TE Part # 1-480708-9
12P UMNL PLUG HSG BLK

TE Part # 926307-3
6P UN-MNL AUFN-GEH

TE Part # 1-480704-2
06P UMNL PLUG HSG RED

TE Part # 926302-1
10& UNIV.M-N-L.PLUG



TE Part # 1-350777-2
02P UMNL V0 PLUG HSG RED

TE Part # 350783-1
12P UMNL CAP HSG

TE Part # 1-350778-9
02P UMNL V0 CAP HSG BLACK

TE Part # 350735-1
12P UMNL PLUG HSG

TE Part # 926302-3
10P UN-MNL STECKGEH

TE Part # 926308-3
8P UN-MNL AUFN-GEH

TE Part # 1-350766-2
03P UMNL V0 PLUG HSG RED

TE Part # 1-480701-4
03P UMNL CAP HSG YELL

TE Part # 640585-1
06P UMNL PLUG HSG V2 NATL

TE Part # 926308-1
8P UNIV.M-N-L.CAP

TE Part # 926309-1
10P UNIV.M-N-L.CAP

TE Part # 1-480703-9
04P UMNL CAP HSG BLK

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(11)

Insertion & Extraction Tools(4)

Power Contacts(207)

Rectangular Boots & Strain Relief(35)

Rectangular Connector Adapters(7)

Rectangular Connector Housings(2)

Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #179467-1
STD Temp Power Double Lock Cap



TE Part #1-1863005-2
UMN 12 WAY PLUG HOUSING



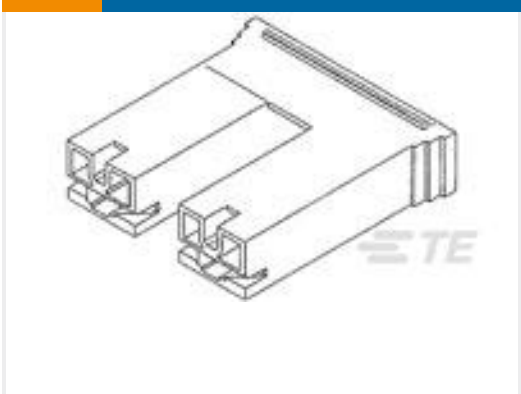
TE Part #177907-1
POWER DBL LOCK CAP P/M 3P



TE Part #1217094-2
RCPT 250 POS-LOCK 18-14 TPBR



TE Part #179466-1
AMP POWER DBL LOCK CAP HSG 6P



TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P NAT



TE Part #172142-7
EIS LOW PROFILE HSG 7P NATURAL



TE Part #172142-5
EIS LOW PROFILE HSG 5P NATURAL



TE Part #1217094-1
RCPT 250 POS-LOCK 18-14 0126BR



TE Part #R-14114-1

Documents

Product Drawings

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350570-3_AY.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_350570-3_AY.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350570-3_AY.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

[MD_350570-3_07262018839_dmtec](#)

English

[MD_350570-3_07262018839_dmtec](#)

English

Agency Approvals

UL Report

English