



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.8 – 2 mm<sup>2</sup>**

## Features

### Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	19 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	2.13 mm [.084 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	.8 – 2 μm [31.49 – 78.74 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Wire Insulation Support	Without
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### Dimensions

Wire Size	.8 – 2 mm <sup>2</sup>
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Compatible Insulation Diameter Range	3.3 – 5.08 mm [.13 – .2 in]
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### Usage Conditions

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

Circuit Application	Power
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### Industry Standards

CSA Rating	Certified, LR 7189
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UL Rating	Recognized
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Agency/Standard	CSA, UL, VDE
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### Packaging Features

Packaging Quantity	2500
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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>

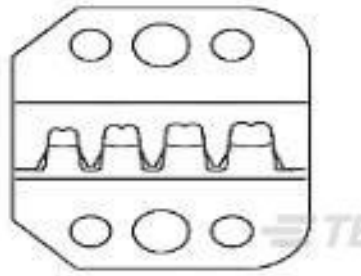
Compatible Parts



TE Part # 90547-1  
ASSY PRO-CRIMPER UNIV M-N-L



TE Part # 91506-1  
CCII UNML UNML II PIN SKT 16-14 ASSY



TE Part # 90547-2  
PROCRIMPER DIE ASSY UNIV MNL



TE Part # 1804030-1  
EXTRACTION TOOL ASSY



TE Part # 455830-1  
INSERTION TOOL



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



TE Part # 350784-1  
15P UMNL CAP HSG



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 # 350736-1  
15P UMNL PLUG HSG



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

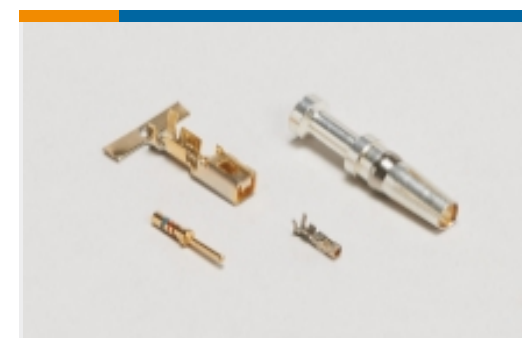
Also in the Series | **Universal MATE-N-LOK**



Circular Power Connectors(2)




Connector Caps & Covers(34)




Connector Contacts(2)




Connector Hardware(12)



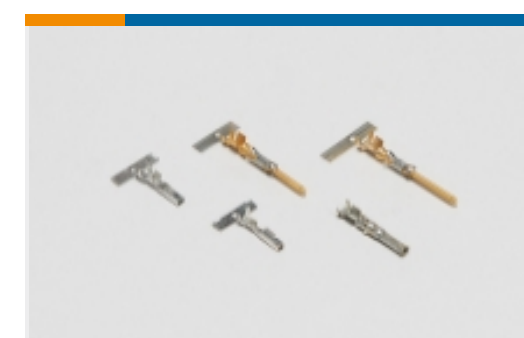
Connector Seals & Cavity Plugs(27)




Connector Strain Relief(7)




Insertion & Extraction Tools(4)



Power Contacts(207)



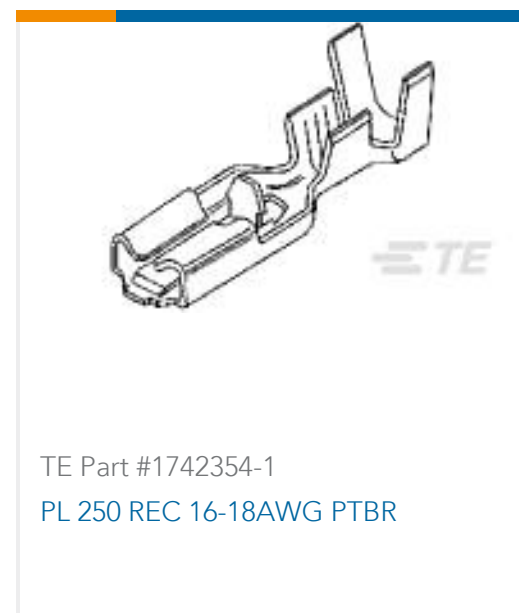
Rectangular Connector Housings(1)



Rectangular Power Connectors(672)

Customers Also Bought





## Documents

### Product Drawings

[UMNL PIN 18-14 .0125 PTPPHBZ](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_350873-3\\_AV.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350873-3\\_AV.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350873-3\\_AV.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

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_350873-3\\_10102015111\\_dmtec](#)

350873-3

Power Contacts, Contact, 600 VAC, Tin, 18 – 14 AWG Wire Size, .8 – 2 mm<sup>2</sup> Wire Size,  
Wire & Cable, Crimp, Power, Pin, Universal MATE-N-LOK



English

[MD\\_350873-3\\_10102015111\\_dmtec](#)

English