



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Thickness	.8 – 2 μm[31.49 – 78.74 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Type	Socket
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)	19 A



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3.3 – 5.08 mm [.13 – .2 in]
Wire Size	.8 – 2 mm ²

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

Compatible With Agency/Standards Products	CSA, UL, VDE
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Packaging Features

Packaging Quantity	2500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2024 (240) 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 # 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


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



Circular Power Connectors(2)




Connector Caps & Covers(34)




Connector Contacts(209)




Connector Hardware(12)




Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)




Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(672)



Standard Circular Connectors(1)

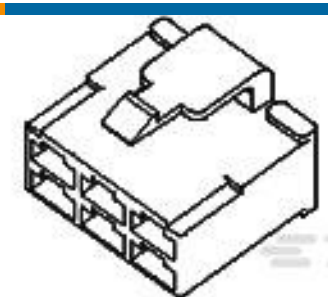
Customers Also Bought



TE Part #DT04-3P-EE01
REC, 3P, BLK, N, XCAP



TE Part #643406-1
05P UMNL PIN HDR ASSY POL 94VO



TE Part #172136-1
FF 250 PLUG HSG 8P NYLON NAT



TE Part #794912-1
6 POS UMNL CIR CAP HSG



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350874-3_AL.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350874-3_AL.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350874-3_AL.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