



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 9
Connector Product Type: **Housing**
Operating Voltage: 250 VDC
Wire Size: .0509 – .823 mm²

Features

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	3/4-20 UNEF-2A
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without

Dimensions

Compatible Insulation Diameter Range	.89 – 1.5 mm [.035 – .059 in]
Wire Size	.0509 – .823 mm ²

Product Type Features

Connector Seal & Plug Type	Peripheral, Wire Entry Seal
Connector Product Type	Housing



Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	5.9 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	11

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Other

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EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

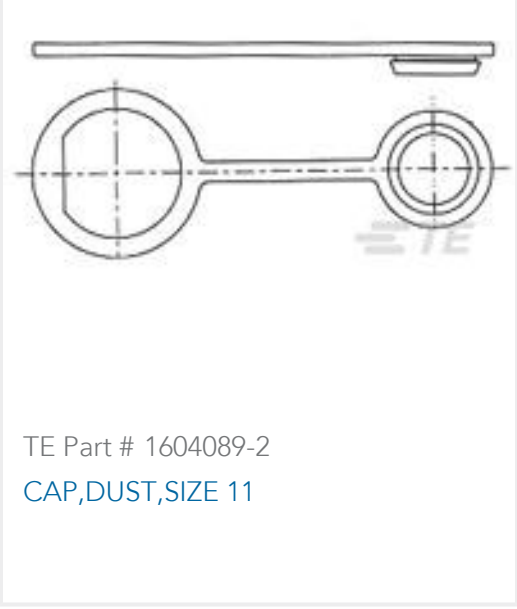
TE Part # 1-770834-1
MINI UMNL SOK PHBRZ AU LF

TE Part # 1-770902-0
MINI UMNL SOK 26-22 AWG AU

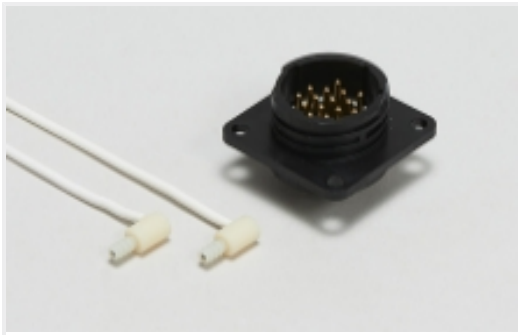
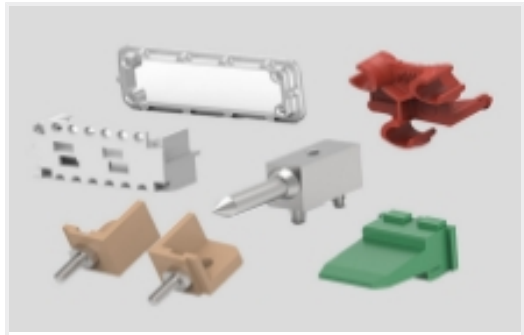
TE Part # 770904-3
MINI UMNL SOK 22-18 AWG AU

TE Part # 770902-1
MINI UMNL SOCK 26-22 AWG SN



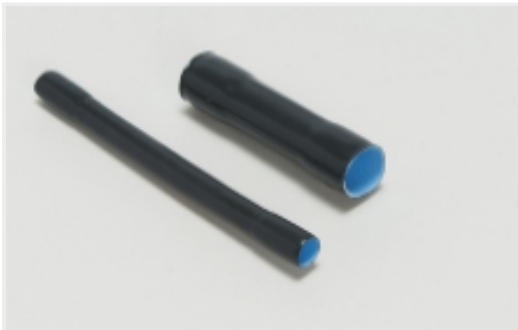
 TE Part # 770904-4 MINI UMNL SOK CONT 22-18 AWG	 TE Part # 770903-6 MINI UMNL PIN 22-18 AWG AU	 TE Part # 794059-1 MINI UMNL PIN L/P	 TE Part # 770901-3 MINI UMNL PIN 26-22 AWG AU
 TE Part # 1-770988-1 MINI UMNL SOK 22-18AWG LP LF	 TE Part # 770988-3 MINI UMNL SOK 22-18AWG AU LP	 TE Part # 770986-3 MINI UMNL SOK 26-22AWG AU LP	 TE Part # 1-2407269-2 CAP, CPC, SIZE 11 RECP & 13 PLUG, BLACK
 TE Part # 1604089-2 CAP,DUST,SIZE 11	 TE Part # 1546746-4 R/A CABLE CLAMP KIT,SZ 11, MINI CPC	 TE Part # 770903-1 MINI UMNL PIN 22-18 AWG SN	 TE Part # 770904-6 MINI UMNL SOK CONT 22-18AWG AU
 TE Part # 1-770988-0 MINI UMNL SOK 22-18AWG AU	 TE Part # 770987-1 MINI UMNL PIN 22-18AWG SN LP	 TE Part # 1-770903-1 MINI UMNL PIN 22-18 AWG AU LF	 TE Part # 1-770834-0 MINI UMNL SOK AU LF

Also in the Series | AMP CPC

 Circular Connector Backshells & Clamps(1)	 Circular Power Connectors(423)	 Connector Contacts(6)	 Connector Hardware(12)
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Power Contacts(6)

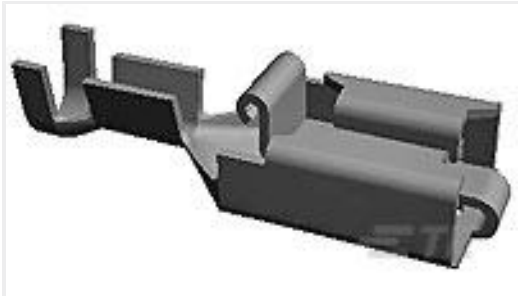


Sealing Sleeves(2)

Customers Also Bought



TE Part #32883
TERMINAL,PIDG R 12-10 10



TE Part #341002-6
PL 250 REC TERMINAL 18-14 PTPB LP



TE Part #150346-2
110 MINI FASTON,REC.,24-20 AWG, TPBR



TE Part #41969-2
250 FASTON REC 22-18 AWG BR



TE Part #2-180930-0
250 FASTON HSG.,REC.,1 POS, NATRUAL



TE Part #9-1437719-6
T01-0580-S03-FEMALE REC PANEL MNT SOLDER



TE Part #CAT-T3437-R819
RPS Commercial Grade Sleeves



TE Part #1SNA176673R0200
BJMI8-10

Documents

Product Drawings
RECPT,11-9,FREE HNG,STD KEY
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1445825-1_D.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1445825-1_D.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1445825-1_D.3d_stp.zip
English

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Datasheets & Catalog Pages

[1-1773902-9_CPC_Catalog](#)

English

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[1-1773902-9_CPC_Catalog](#)

German

[1-1773902-9_CPC_Catalog](#)

Japanese

[AMP Circular Connectors for Commercial Signal & Power Applications Continued](#)

English

Product Specifications

[Application Specification](#)

English