



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 3
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	1/2-20 UNF-2A
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without

Product Type Features

Connector Seal & Plug Type	Wire Entry Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug



Circular Connector Shell Type	All Plastic
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Configuration Features

Number of Positions	3
Number of Power Positions	0
Number of Signal Positions	3

Electrical Characteristics

Operating Voltage	250 VAC
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Dimensions

Wire Size	.0509 – .823 mm²
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Current Rating (Max)	7.5 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	8

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



Product Compliance

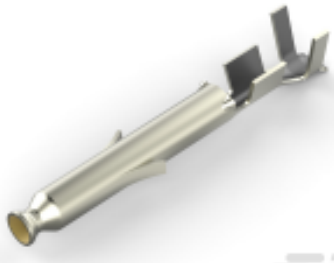
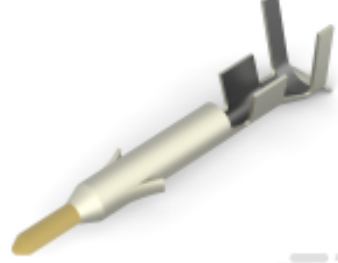
For compliance documentation, visit the product page on TE.com>

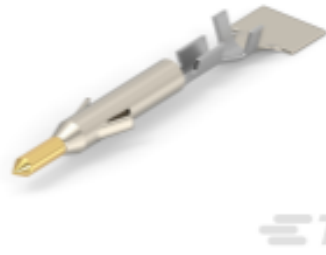
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 794058-1 MINI UMNL SOK L/P	 TE Part # 770985-1 MINI UMNL PIN 26-22AWG SN LP	 TE Part # 1-770985-0 MINI UMNL PIN 26-22AWG AU LP	 TE Part # 1-770835-0 MINI UMNL PIN AU LF
 TE Part # 1-794059-0 MINI UMNL PIN L/P LF	 TE Part # 1-770902-1 MINI UMNL SOK 26-22 AWG AU LF	 TE Part # 1-770904-1 MINI UMNL SOK 22-18AWG AU LF	 TE Part # 770903-3 MINI UMNL PIN 22-18 AWG AU



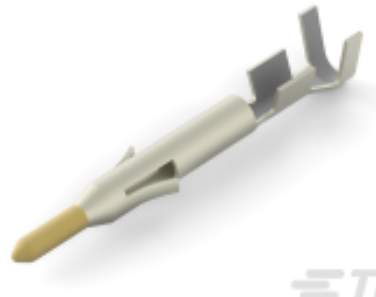
TE Part # 770835-3
MINI UMNL PIN AU



TE Part # 770834-3
MINI UMNL SOCKET AU



TE Part # 770902-4
MINI UMNL SOCK 26-22 AWG SN



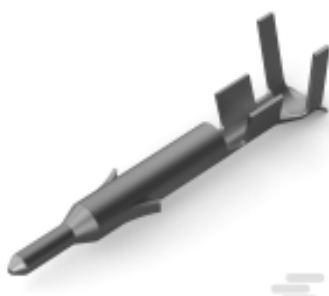
TE Part # 770985-3
MINI UMNL PIN 26-22AWG AU LP



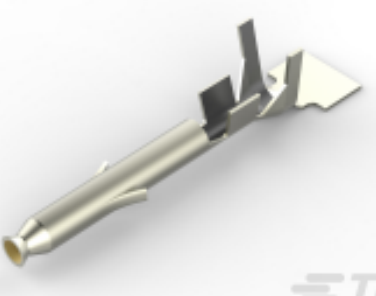
TE Part # 1604089-1
CAP,DUST,SIZE 8



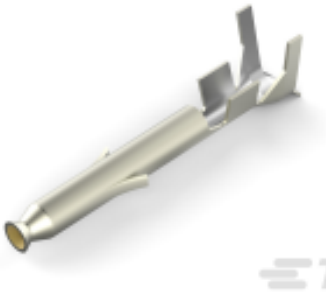
TE Part # 1445771-1
STR REL ASY,RIGHT ANGLE SIZE 8



TE Part # 770903-1
MINI UMNL PIN 22-18 AWG SN



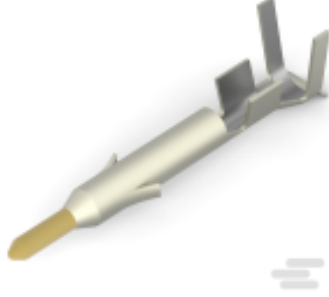
TE Part # 770904-6
MINI UMNL SOK CONT 22-18AWG AU



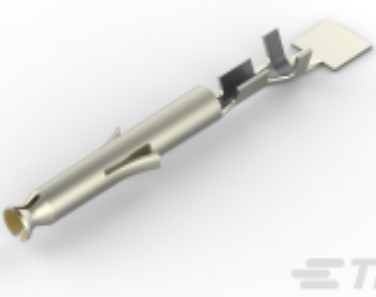
TE Part # 1-770988-0
MINI UMNL SOK 22-18AWG AU



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



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought





TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part #6609007-3
20EEJ1=F7892A S0



TE Part #32561
PIDG SPDFLG 22-16COMM22-18MIL6



TE Part #6-1393116-2
KUMP-11A18-120=KU



TE Part #3-1546700-0
JC6-Q407-12=JC6 ASSEMBLY



TE Part #6609042-3
10VS1=F7248 S0



TE Part #MAF94051
Dipol,WTS,BLACK,RSMAM 802.11abg, 2dBi,BCr



TE Part #1616035-1
D56B=RELAY



TE Part #7221-BCE-T-010-000
10cmH2O Gauge Sensor

Documents

Product Drawings
PLUG,8-3,SMALL INS,STD KEY
English

CAD Files
Customer View Model
ENG_CVM_CVM_1445534-1_B2.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1445534-1_B2.3d_stp.zip
English
Customer View Model
ENG_CVM_CVM_1445534-1_B2.2d_dxf.zip
English
3D PDF
3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



[1-1773902-9_CPC_Catalog](#)

English

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German

[1-1773902-9_CPC_Catalog](#)

Japanese

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

English

[Product Specifications](#)

[Application Specification](#)

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