



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Number of Positions: **9**
Centerline (Pitch): **4.2 mm [.165 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Retention Within Housing	Without



Contact Type	Pin
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	Black
Housing Material	Nylon 66
Dimensions	
Panel Thickness (Recommended)	.8 - 2 mm[.031 - .078 in]
Product Width	14 mm
Product Length	16 mm
Row-to-Row Spacing	4.2 mm[.165 in]
Usage Conditions	
Operating Temperature Range	-20 - 105 °C[-4 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	With
Industry Standards	
CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Quantity	500



Packaging Method

Bag

Product Compliance

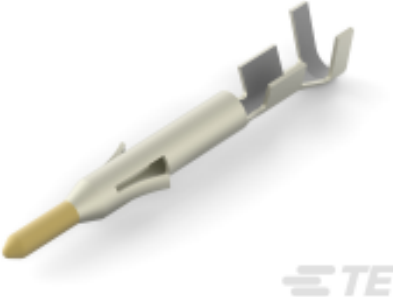
[For compliance documentation, visit the product page on TE.com>](#)

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 2024 (240) 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>

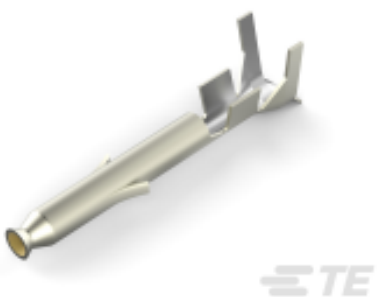
Compatible Parts



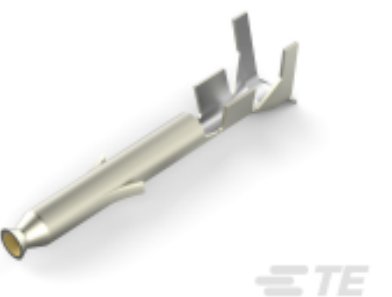
TE Part # 1-770985-0
MINI UMNL PIN 26-22AWG AU LP



TE Part # 1-770987-0
MINI UMNL PIN 22-18 AWG AU LP



TE Part # 770988-3
MINI UMNL SOK 22-18AWG AU LP

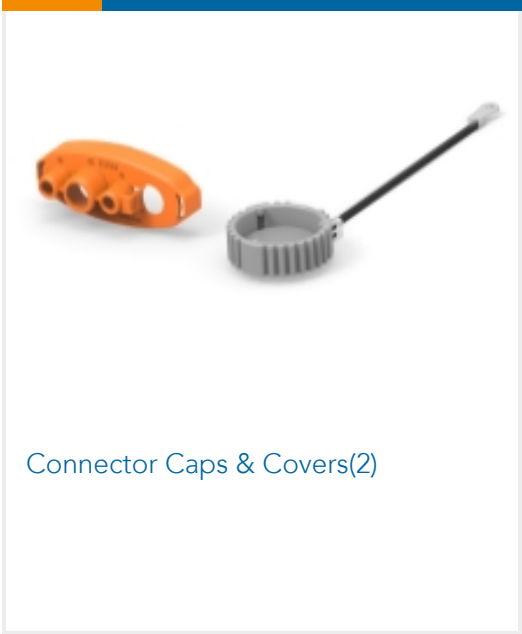
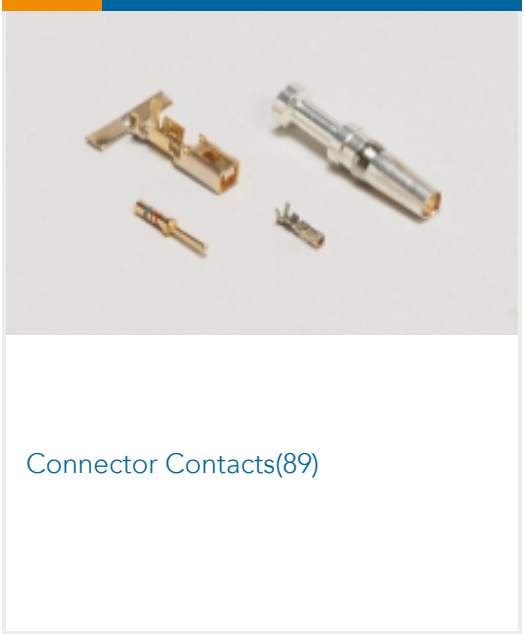


TE Part # 1-770988-0
MINI UMNL SOK 22-18AWG AU



 TE Part # 1-794059-0 MINI UMNL PIN L/P LF	 TE Part # 770988-1 MINI UMNL SOK 22-18AWG SN LP	 TE Part # 770986-1 MINI UMNL SOK 26-22AWG SN LP	 TE Part # 794058-1 MINI UMNL SOK L/P
 TE Part # 170365-3 MINI UNIVERSAL M-N-L SOCKET LP	 TE Part # 170364-3 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 770985-1 MINI UMNL PIN 26-22AWG SN LP	 TE Part # 1-794407-1 MINI UMNL SOK 20-16 AWG AU LF
 TE Part # 170363-3 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 316455-1 M-U-M-N-L CAP CABLE CLAMP	 TE Part # 171638-1 MINI U-M-N-L PIN CONT. L.P	 TE Part # 171639-1 MINI U-M-N-L SOCKET L.P
 TE Part # 770903-3 MINI UMNL PIN 22-18 AWG AU	 TE Part # 170366-3 MINI UNIVERSAL M-N-L SOCKET LP	 TE Part # 794059-1 MINI UMNL PIN L/P	 TE Part # 170364-1 MINI UNIVERSAL M-N-L PIN LP

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

 Connector Caps & Covers(2)	 Connector Contacts(89)	 Connector Hardware(4)	 Connector Seals & Cavity Plugs(17)
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Connector Strain Relief(2)



Insertion & Extraction Tools(1)

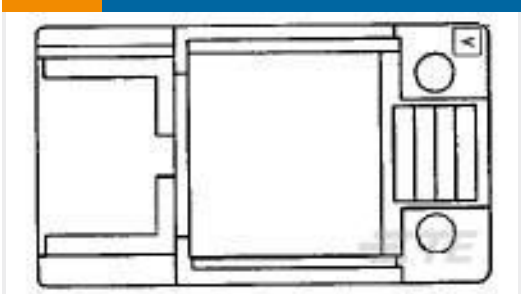


Rectangular Power Connectors(197)

Customers Also Bought



TE Part # 1-5750913-5
50 50SR CABLE CONN KIT



TE Part # 316455-1
M-U-M-N-L CAP CABLE CLAMP



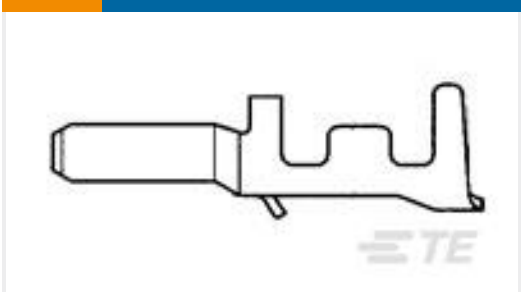
TE Part # 1-770834-0
MINI UMNL SOK AU LF



TE Part # 964204-1
STD-POW-TIM KONTAKT



TE Part # 2040974-2
PLUG HSG, 1.0VP REMODEL



TE Part # 917571-1
1.5 BTW POST CONTACT



TE Part # 917572-4
1.5 B-T-W PLUG HSG 4P BLACK



TE Part # 3-1534797-1
AMP DUOPLUG MK2 CONNECTOR
11P



TE Part # 170361-1
UNIV M-N-L SOC. 26-22 AWG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-172161-9_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-172161-9_M.3d_igs.zip

1-172161-9

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 9
Position, 4.2 mm [.165 in] Centerline, Mini-Universal MATE-N-LOK



English

Customer View Model

[ENG_CVM_CVM_1-172161-9_M.3d_stp.zip](#)

English

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

Product Specifications

[Engineering Report](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English