



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

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



Contact Type	Pin
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	White
Housing Material	Nylon
Dimensions	
Width	20.32 mm
	.03 – .09 in
Height	14.73 mm
Length	21.46 mm
Usage Conditions	
Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
Operation/Application	
Assembly Integration Feature	Without
Circuit Application	Power & Signal
Industry Standards	
CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	Yes
Packaging Features	
Packaging Method	Package
Packaging Quantity	1



Other

For Use With	Standard Universal MATE-N-LOK Connectors
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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	Not Yet Reviewed
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 770018-1 03P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 1241809-2 UMNL ST-SOCK,A-P 3P	 TE Part # 794901-1 03P UMNL HI TEMP PLUG HSG	 TE Part # 2178473-3 3POS UMNL PLUG HSG GW
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TE Part # 1586847-1
03P UMNL PLUG HSG, GW

TE Part # 1586377-1
03P UMNL PLUG HSG NATL

TE Part # 1586892-1
03P UMNL HDR ASSY R/A, GW

TE Part # 1586893-1
03P UMNL HDR ASSY R/A, GW

TE Part # 643251-1
03P UMNL ASSY MOD HSG VO

TE Part # 770047-1
03P UMNL II CAP-FRONT 94VO

TE Part # 969326-1
UMNL BU-GEH 3P

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(11)

Insertion & Extraction Tools(4)

Power Contacts(207)

Rectangular Boots & Strain Relief(35)

Rectangular Connector Adapters(7)

Rectangular Connector Housings(2)

Rectangular Connector Keying Plugs(3)

Rectangular Connector Locking(4)

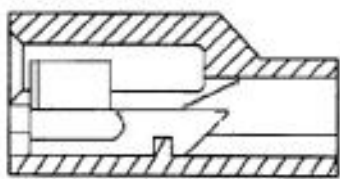
Rectangular Connector Seals(26)

Rectangular Power Connectors(725)

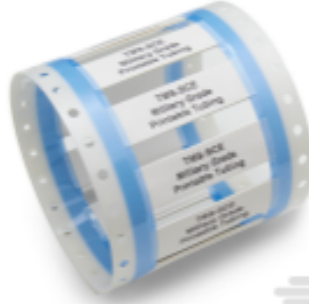
Customers Also Bought



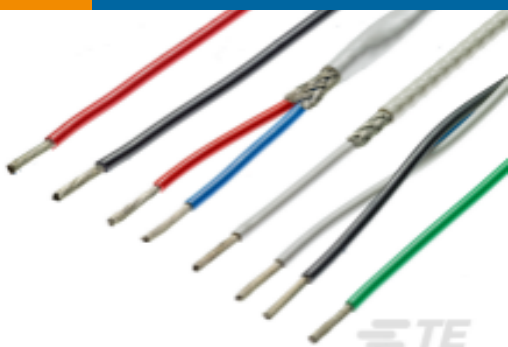
TE Part #282854-3
TERMI-BLOK PCB MOUNT 180 3P.



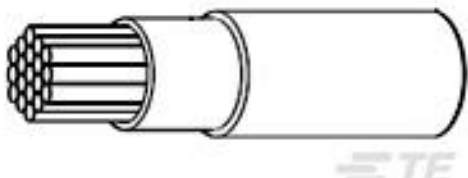
TE Part #640180-1
KEYING PLUG PC CONN NATL



TE Part #CR7762-000
TMS-SCE-2X MILITARY GRADE SLEEVES



TE Part #4031593002
FLHTC0311-24-0



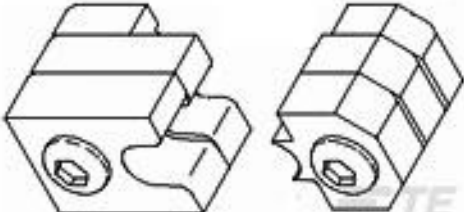
TE Part #436685-000
FLDWC0311-22-2



TE Part #3-1393248-3
W33-T1N1Q-15=W33



TE Part #3-640474-2
02P MTA156 ASSY ON TAPE LF



TE Part #69727
ECON BNC COAX RG55 DIE SET



TE Part #770047-1
03P UMNL II CAP-FRONT 94VO



TE Part #207386-1
SCREW RETAINER CLIP

Documents

Product Drawings

03P UMNL II CAP REAR 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770048-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770048-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770048-1_W.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

Agency Approvals

UL Report

English