



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: **6**
Centerline (Pitch): **6.35 mm [.25 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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Matrix
Multiple Contact Types	Without
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	Latches
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Natural
Housing Material	Nylon GF
Dimensions	
Row-to-Row Spacing	6.35 mm[.25 in]
Panel Thickness	.76 – 2.29 mm[.76 – 2.29 in]
	.905 in
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	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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 770020-1 06P UMNLII IN-LNE PLUG HSG KIT	 TE Part # 1586846-1 06P UMNL PLUG HSG NATL, GW	 TE Part # 8-794535-1 06P UMNL PLUG HSG 150C BLK, SP	 TE Part # 794535-1 06P UMNL PLUG HSG 150C BLK
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TE Part # 770052-1
06P UMNL II CAP REAR 94VO



TE Part # 794816-2
06P UMNL PLUG, GWI-V2



TE Part # 1644055-1
UNIV MATE-N-LOK HOUSING 6W



TE Part # 1586090-1
06P UMNL PINHDR NO DRAIN HOLE



TE Part # 1586090-3
06P UMNL PINHDR W/O DR HOLE LF



TE Part # 2029369-1
06P UMNL-II REAR, TW-N-LK-CAP



TE Part # 643253-1
06P UMNL ASSY MOD HSG VO



TE Part # 794816-1
06P UMNL PLUG,VO



TE Part # 927712-3
6P UN-MNL STECKGEH



TE Part # 641956-2
6P UMNL HDR HSG POL

Also in the Series | Universal MATE-N-LOK



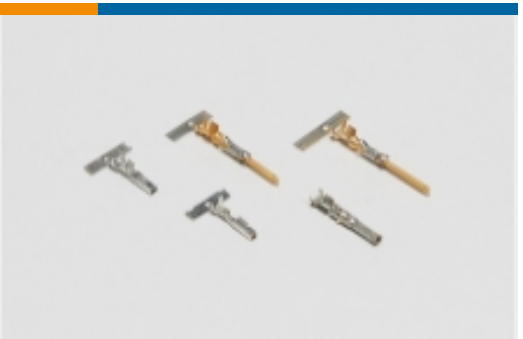
Circular Power Connectors(2)



Connector Contacts(11)



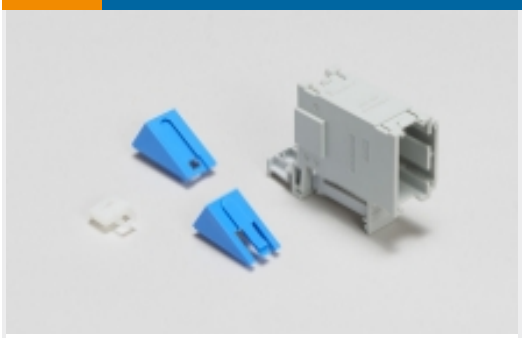
Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

Customers Also Bought



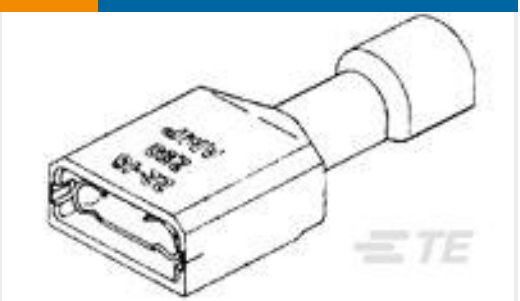
TE Part #770057-1
15P UMNL II CAP-FRONT 94VO



TE Part #770004-3
UMNL II SOK PTPPHBZ



TE Part #770048-1
03P UMNL II CAP REAR 94VO



TE Part #3-350815-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #770038-1
06P UMNL II PLUG REAR 94VO



TE Part #770037-1
06P UMNL II PLUG-FRONT 94VO



TE Part #770036-1
04P UMNL II PLUG REAR 94VO



TE Part #171370-6
CLUSTER BLOCK HSG 66 0023



TE Part #6-1423008-4
T92S7A2X-240-99



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

Documents

Product Drawings

06P UMNL II CAP-FRONT 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770051-1_AF.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_770051-1_AF.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_CVM_770051-1_AF.3d_stp.zip](#)

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3D PDF

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

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Product Environmental Compliance

[TE Material Declaration](#)

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Agency Approvals

[CSA Certificate](#)

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