

770016-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 770016-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 5 Position, 6.35 mm [.25 in] Centerline, Wire & Cable, UL 94V-0, Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **5**

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

## Features

### Product Type Features

Assembly Requirement	Unassembled Kit
Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	5
Number of Rows	1

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Multiple Contact Types	Without
Contact Layout	Inline



Contact Retention Within Housing	Without
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Contact Type	Socket
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
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Housing Color	White
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Housing Material	Nylon
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### Usage Conditions

Operating Temperature Range	-55 – 120 °C [-67 – 248 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Rating	Recognized
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Compatible With Agency/Standards Products	UL, VDE
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Compatible With Approved Standards Products	UL E28476
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Quantity	1
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Packaging Method	Package
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235)
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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 # 194018-1  
PIN ASSY..070



TE Part # 770253-3  
UMNL II SOK PTPPHBZ LP 24-18



TE Part # 770247-3  
UMNL II SOK PTPPHBZ LP 12-10



TE Part # 1-770251-0  
UMNLII SOK PTPPHBZ LP LF 20-14



TE Part # 770252-1  
UMNL II PIN PTPBR LP 24-18



TE Part # 1-770250-0  
UMNL II PIN SN/AUNI/BR LP20-14



TE Part # 770251-3  
UMNL II SOK PTPPHBZ LP 20-14



TE Part # 640901-3  
05P UMNL HDR ASSY 94VO LF



TE Part # 3-643232-0  
05P UMNL HDR ASSY R/A 94VO LF



TE Part # 1-770005-0  
UMNL II PIN AUSN/NI/BR



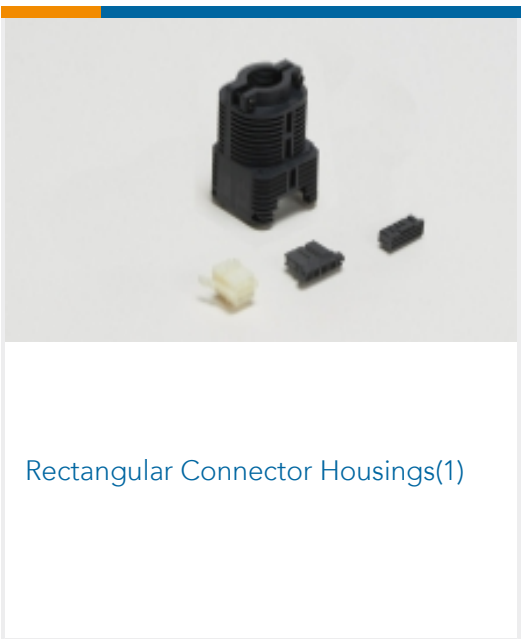
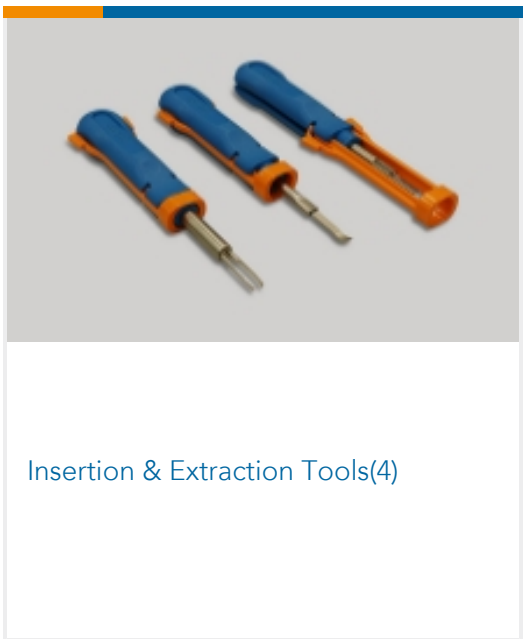
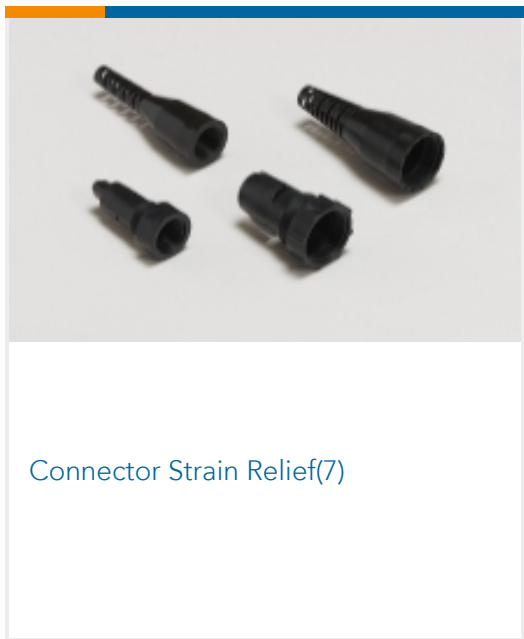
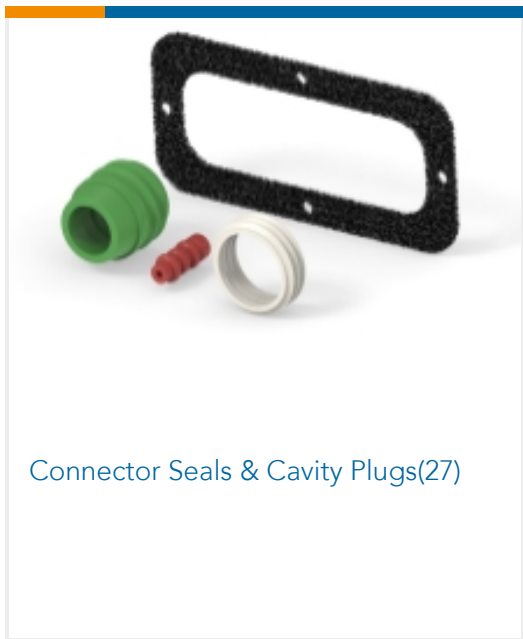
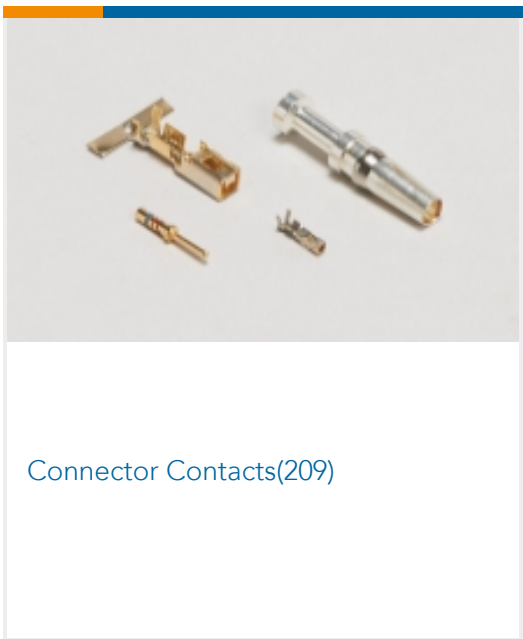
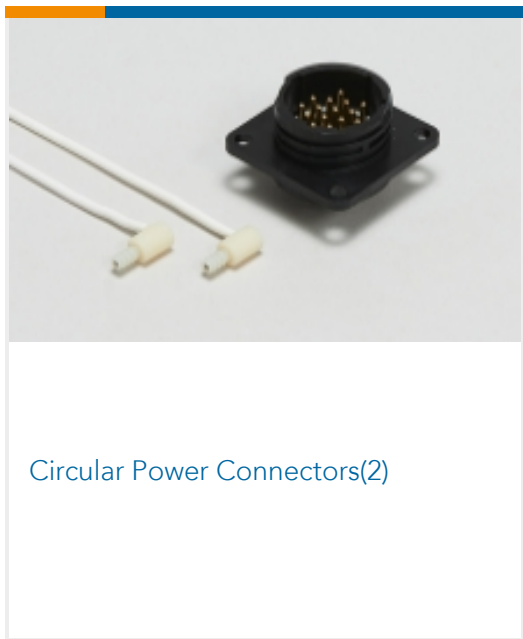
TE Part # 3-350945-0  
05P UMNL HDR ASSY R/A 94VO LF



TE Part # 640900-1  
05P UMNL PIN HDR ASSY 94VO



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



Customers Also Bought





TE Part #499252-4  
050 STRAIN RELIEF A-L RCPT



TE Part #521011-2  
ULTRA-POD 250 ASSY REC 18-14  
AWG TPBR



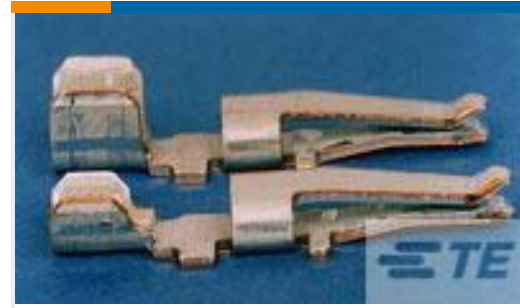
TE Part #556137-2  
HSG, AMPINNERGY WTW, 1 POS,  
BLACK



TE Part #770053-1  
09P UMNL II CAP-FRONT 94VO



TE Part #1-770004-0  
UMNL II SOK SN/AUNI/PHBZ



TE Part #556136-1  
CONT, AMPINNERGY WTW, STRIP, 10-12



TE Part #6-1393127-0  
PRD-11DY0-110=PRD



TE Part #1SNA115201R2500  
M6/9.EE

## Documents

### Product Drawings

#### 05P UMNLII IN-LNE PLUG HSG KIT

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_770016-1\\_F.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_770016-1\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_770016-1\\_F.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

### Instruction Sheets

#### Instruction Sheet (U.S.)



English

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[Agency Approvals](#)

[VDE Certificate](#)

English