

350720-1 ✓ ACTIVE

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

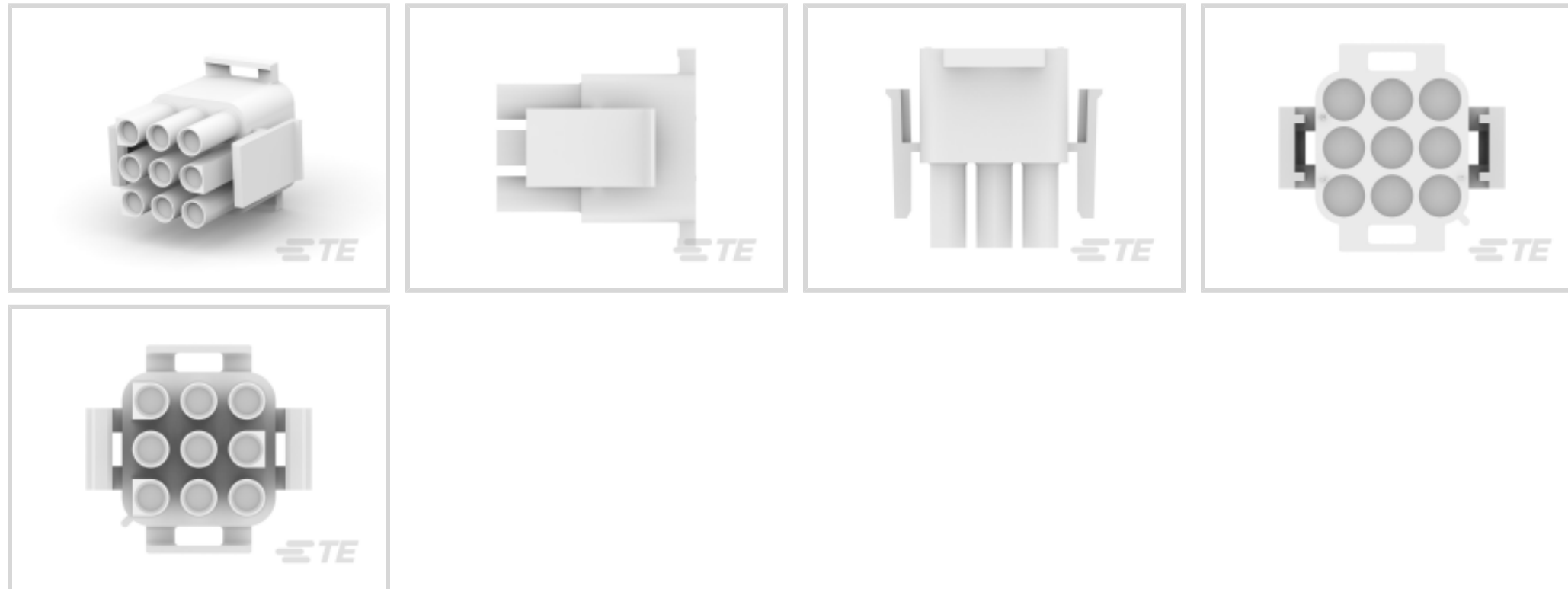
TE Internal #: 350720-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 9 Position, 6.35 mm [.25 in] Centerline, Wire & Cable, 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-Board, Wire-to-Wire**

Number of Positions: **9**

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

## Features

### Product Type Features

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

### Configuration Features

Insertion Force	22.2 Newton
Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	3

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features



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

### 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]
Housing Color	Natural
Housing Material	Nylon

### Dimensions

Row-to-Row Spacing	6.35 mm [.25 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
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	1
Packaging Method	Package

### 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: 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

 <p>TE Part # 350828-4 09P UMNL HDR ASSY PC 94VO LF</p>	 <p>TE Part # 640309-6 UMNL PIN 12-10 AU/PHBZ</p>	 <p>TE Part # 350551-6 UMNL SOK 20-14 AU/PHBZ L/P</p>	 <p>TE Part # 350835-1 09P UMNL HDR ASSY PC 94VO</p>
 <p>TE Part # 926902-3 UNIV-MNL SPLIT ST</p>	 <p>TE Part # 350550-7 UMNL SOK 20-14 AU/BR L/P</p>	 <p>TE Part # 350690-3 UMNL PIN 24-18 PTPPHBZ L/P</p>	 <p>TE Part # 350689-7 UMNL SOK 24-18 AUBR L/P</p>




TE Part # 350547-7  
UMNL PIN 20-14 AUBR L/P



TE Part # 350835-4  
09P UMNL HDR ASSY PC 94VO LF



TE Part # 350689-2  
UMNL SOK 24-18 AUBR L/P



TE Part # 640310-3  
UMNL SOK 12-10 PTPPHBZ



TE Part # 350689-3  
UMNL SOK 24-18 PTPPHBZ L/P



TE Part # 350690-7  
UMNL PIN 24-18 AUBR L/P



TE Part # 350689-1  
UMNL SOK 24-18 PTPBR L/P



TE Part # 926893-3  
UNIV.M-N-L.SOCKET



TE Part # 350550-6  
UMNL SOK 20-14 AU/PHBZ L/P



TE Part # 350705-7  
UMNL SPLIT PIN 20-14 AUBR L/P




TE Part # 350547-3  
UMNL PIN 20-14 PTPPHBZ L/P




TE Part # 350551-7  
UMNL SOK 20-14 AU/BR L/P

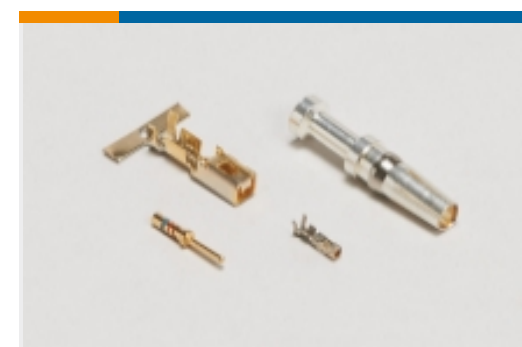
Also in the Series | **Universal MATE-N-LOK**



Circular Power Connectors(2)




Connector Caps & Covers(34)




Connector Contacts(209)




Connector Hardware(12)




Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(672)



Standard Circular Connectors(1)

## Customers Also Bought



TE Part #179467-1  
AMP POWER DBL LOCK CAP HSG 8P



TE Part #350783-1  
12P UMNL CAP HSG



TE Part #350736-1  
15P UMNL PLUG HSG



TE Part #350781-1  
06P UMNL CAP HSG



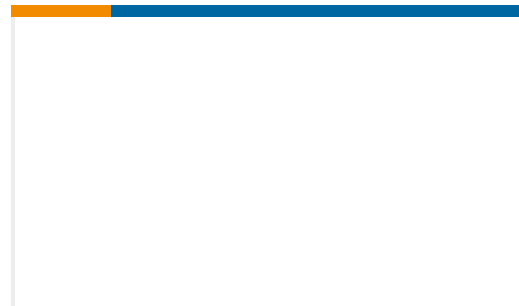
TE Part #170011-8  
RING STRIP 18-14 MM2 0.503 X 11.938 TPBR



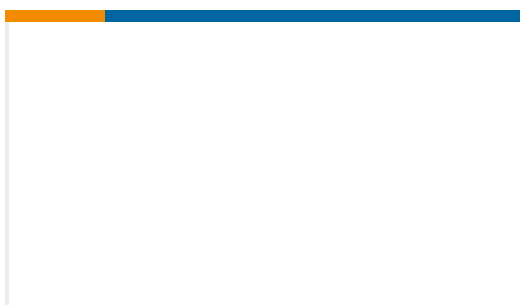
TE Part #171383-1  
6 CIRCUIT M-N-L CAP



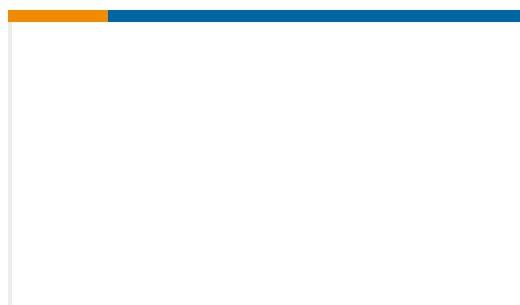
TE Part #EL6125-000  
CI-16-25-05300101



TE Part #ES8352-000  
CI-16-25-05200303



TE Part #ES8973-000  
CI-16-25-02500410



TE Part #ES8974-000  
CI-16-25-02500405

## Documents

### Product Drawings

09P UMNL PLUG HSG

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_350720-1\_BF.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_350720-1\\_BF.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_350720-1\\_BF.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

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

English

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

English

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**Agency Approvals**

[VDE Certificate](#)

English