

1-350720-1 ✓ ACTIVE

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

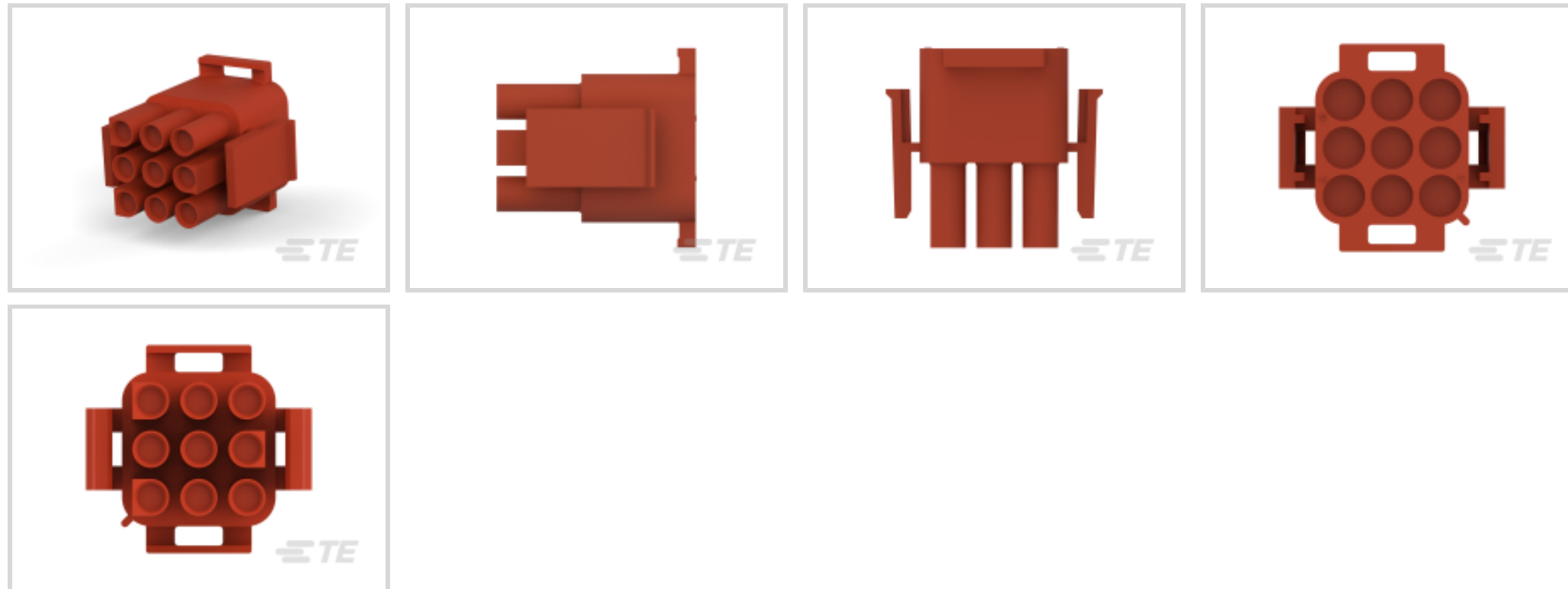
TE Internal #: 1-350720-1

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

[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

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
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Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Pin

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	Brown
Housing Material	Nylon

Dimensions

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

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
Insertion Force	22.2 Newton

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
UL Rating	Recognized
Agency/Standard Number	E28476
CSA File Number	LR7189
VDE Tested	Yes
Agency/Standard	CSA, UL

Packaging Features

Packaging Method	Package
Packaging Quantity	1



Other

For Use With	Appropriate Universal MATE-N-LOK Cap or Header
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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 Model / Part # 640310-6 UMNL SOK 12-10 AU/PHBZ</p>	 <p>TE Model / Part # 350924-6 UMNL PIN 26-30 AUNI/PHBZ</p>	 <p>TE Model / Part # 350700-7 UMNL SPLIT PIN AU/NI/BR</p>	 <p>TE Model / Part # 350538-7 UMNL PIN 20-14 AU/NI/BR</p>
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TE Model / Part # 770672-1
UMNL PIN 30-26 PTPBR L/P



TE Model / Part # 350551-2
UMNL SOK 20-14 AUBR L/P



TE Model / Part # 350705-2
UMNL SPLIT PIN 20-14 AUBR L/P



TE Model / Part # 926898-3
UNIV.M-N-L.PIN



TE Model / Part # 640309-6
UMNL PIN 12-10 AU/PHBZ



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



TE Model / Part # 350551-6
UMNL SOK 20-14 AU/PHBZ L/P



TE Model / Part # 770673-1
UMNL SOK 30-26 PTPBR L/P



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



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



TE Model / Part # 770234-3
UMNL GRND PIN PTPPHBZ



TE Model / Part # 350707-1
UMNL SPLIT PIN 20-14 PTPBR L/P



TE Model / Part # 350552-7
UMNL PIN 20-14 AUBR L/P



TE Model / Part # 640347-2
UMNL SOK 24-18 AU/BR L/P




TE Model / Part # 350552-3
UMNL PIN 20-14 PTPPHBZ L/P




TE Model / Part # 350687-2
UMNL SPLIT PIN AUBR

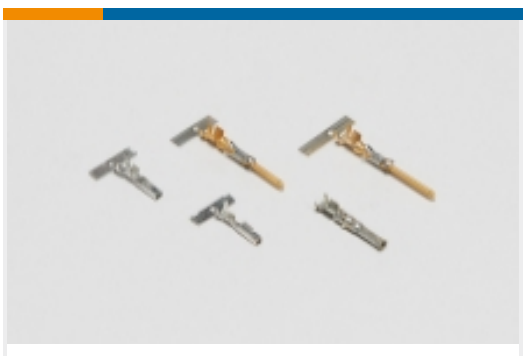
Also in the Series | **Universal MATE-N-LOK**



Circular Power Connectors(2)



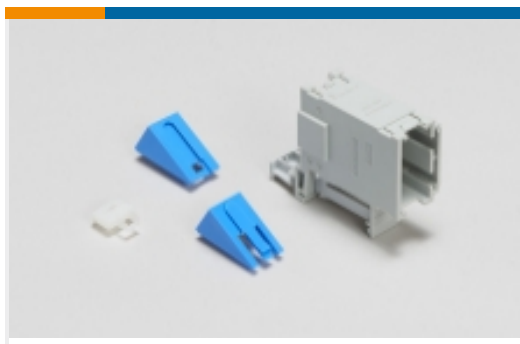
Connector Contacts(11)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



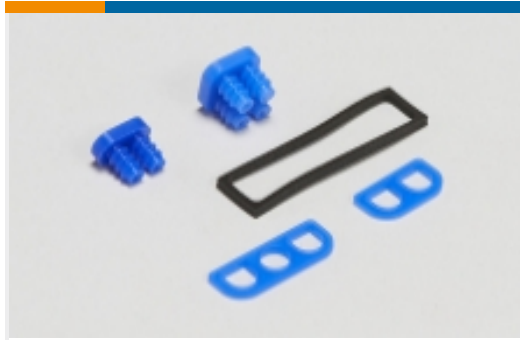
Rectangular Connector Housings(3)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(716)



Wire-to-Board Headers & Receptacles (3)

Customers Also Bought



TE Model / Part #745207-7
15 HDE AP PLUG, LEAD FREE



TE Model / Part #52950
PG SPR SPD 22-16COMM22-18MIL 8



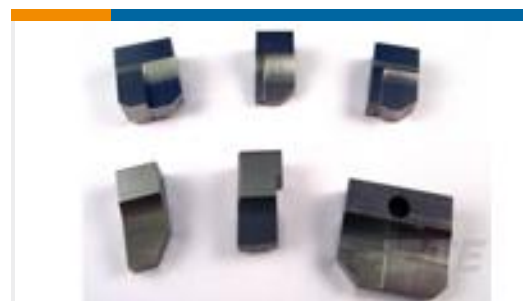
TE Model / Part #2-32953-1
PG R 22-16 COMM 22-18 MIL 1/4



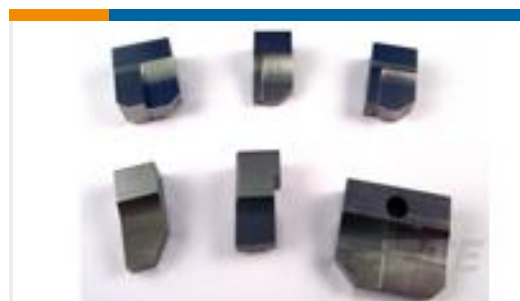
TE Model / Part #60102-1
FASTON 250 FLAG REC 18-12 AWG BR



TE Model / Part #1-1393115-6
KUIP-14D15-12=KU



TE Model / Part #1-454766-4
ANVIL, INSULATION



TE Model / Part #806217-2
ANVIL, RIGHT HAND



TE Model / Part #808830-1
CRIMPER, SEMI-FLAT

Documents

Product Drawings

09P UMNL V0 PLUG HSG BROWN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-350720-1_BE.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-350720-1_BE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-350720-1_BE.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

Agency Approvals

[UL Report](#)

English