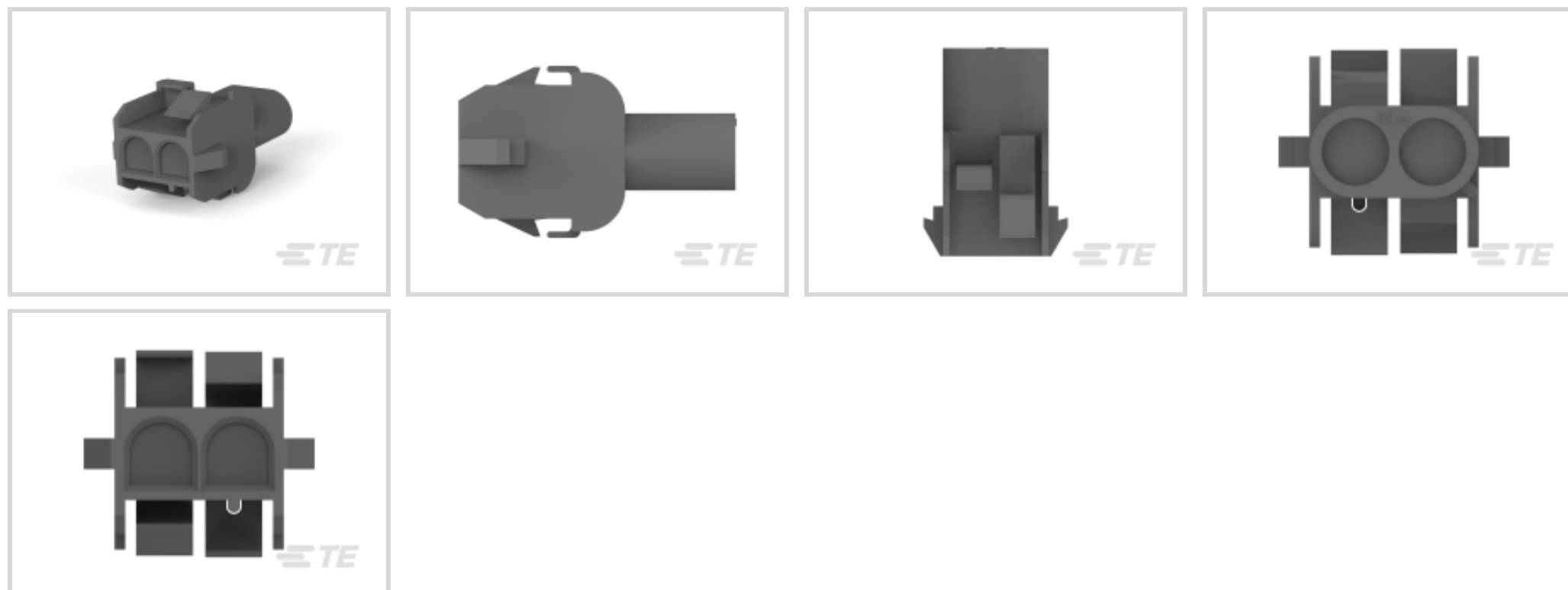




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **2**

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	2
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
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
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Panel Mount Feature Type	Patch & Tabs
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Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
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Housing Color	Gray
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Housing Material	Nylon
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Dimensions

Panel Thickness	.76 – 2.29 mm [.03 – .09 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Assembly Integration Feature	Without
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Circuit Application	Power & Signal
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Industry Standards

CSA Rating	Certified
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UL Flammability Rating	UL 94V-2
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Glow Wire Rating	Standard Part - Not Glow Wire
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Agency/Standard Number	E28476
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Agency/Standard	CSA, UL
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UL Rating	Recognized
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CSA File Number	LR16455
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VDE Tested	Yes
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Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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Other



For Use With	Plug Housing
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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: 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

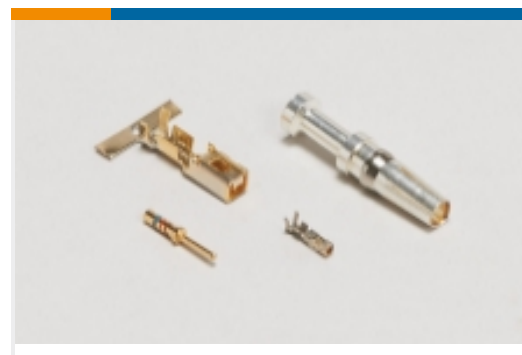


TE Model / Part # 350687-2
UMNL SPLIT PIN AUBR

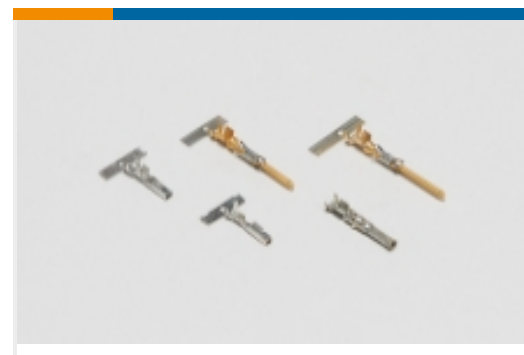
Also in the Series | **Universal MATE-N-LOK**




Circular Power Connectors(2)



Connector Contacts(11)



Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



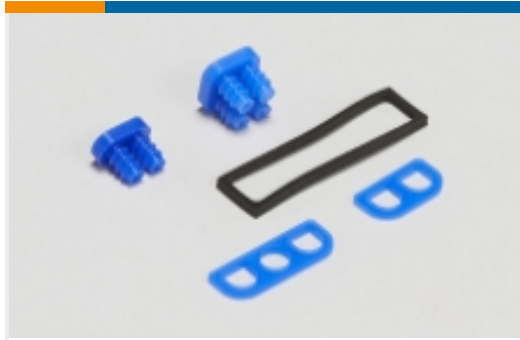
Rectangular Connector Housings(3)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(716)



Wire-to-Board Headers & Receptacles (3)

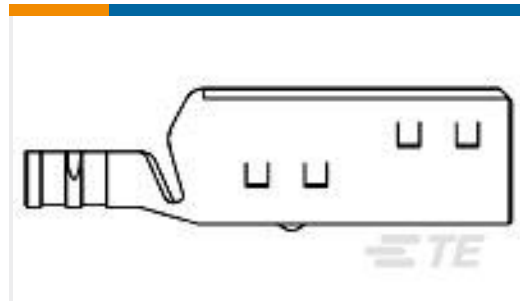
Customers Also Bought



TE Model / Part #3-2176050-1
RLP73K 1E R91 5% 5K RL



TE Model / Part #4-641190-2
12P MTA100 CONN ASSY RED LF



TE Model / Part #520467-1
16 SDL RND SHIELD,BTM,BULK PKG



TE Model / Part #52454-1
PG SPR SPD 22-16COMM 22-18MIL8



TE Model / Part #9-2176391-1
RQ 1206 107K 0.1% 10PPM 5K RL



TE Model / Part #1-480699-6
02P UMNL CAP HSG BLU



TE Model / Part #3-644284-5
05P MTA156 ASSY 18AWG ORA LF



TE Model / Part #3-640469-2
02P MTA100 CONN ASSY ON TAPE



TE Model / Part #3-647476-4
04P MTA156 PSTD CONN 18AWG LF



TE Model / Part #60485-1
RING TERMINAL 14-12 AWG TPBR

Documents



Product Drawings

02P UMNL CAP HSG GRY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-480699-8_BJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480699-8_BJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480699-8_BJ.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

Universal MATE-N-LOK Connector

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English

UL Report

English