

1-480701-4 ✓ ACTIVE

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

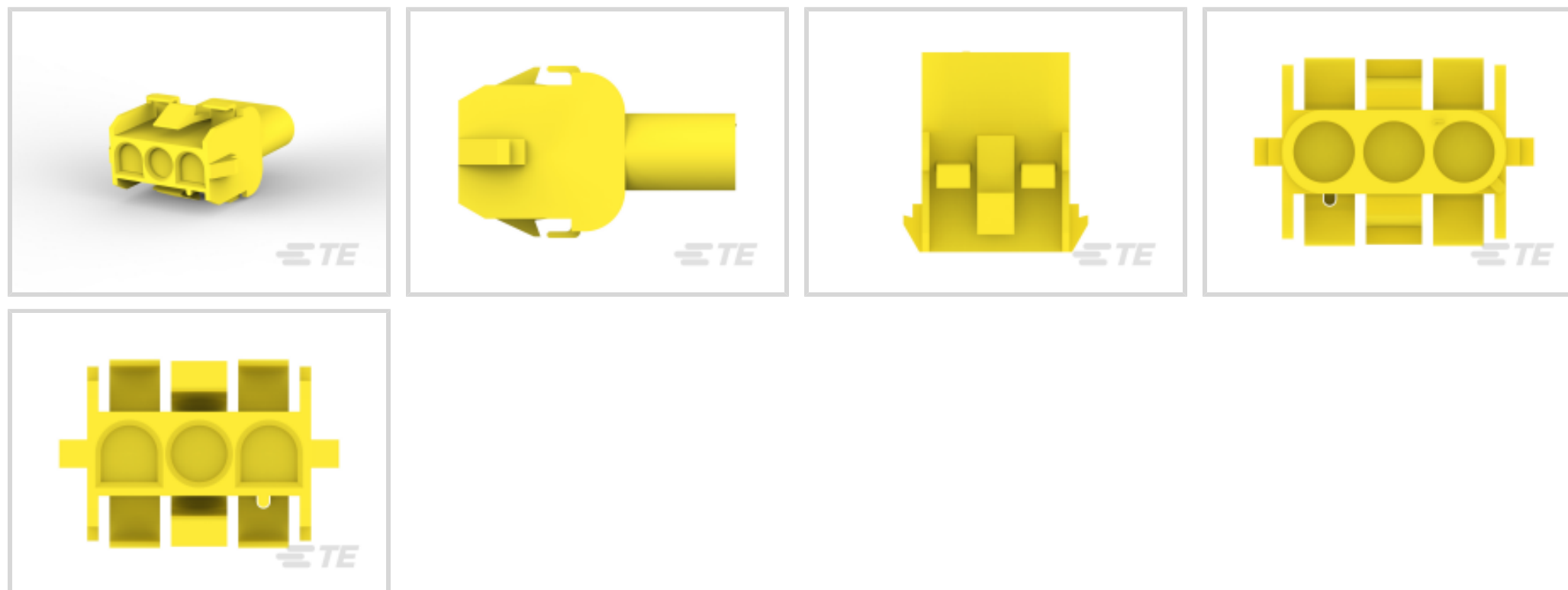
TE Internal #: 1-480701-4

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 3 Position, 6.35mm [.25in] Centerline

[View on TE.com >](#)



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: **3**

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	3
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
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Multiple Contact Types	Without
Contact Retention Within Housing	Without
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

Dimensions

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

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

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-2
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
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Packaging Quantity 1

Other

For Use With Appropriate Universal MATE-N-LOK Plug

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



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



TE Model / Part # 770234-3
UMNLSGRND PIN PTPPHBZ



TE Model / Part # 350538-7
UMNLSPIN 20-14 AU/NI/BR



TE Model / Part # 350551-2
UMNLSOK 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 # 350551-6
UMNL SOK 20-14 AU/PHBZ L/P



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



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



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



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



TE Model / Part # 770672-1
UMNL PIN 30-26 PTPBR L/P



TE Model / Part # 640310-6
UMNL SOK 12-10 AU/PHBZ



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



TE Model / Part # 350700-7
UMNL SPLIT PIN AU/NI/BR



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



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



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




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




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


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




Circular Power Connectors(2)



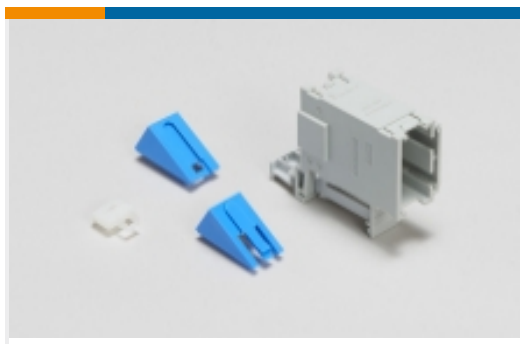
Connector Contacts(11)



Power Contacts(207)



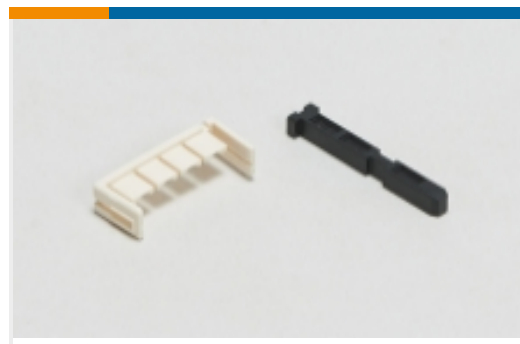
Rectangular Boots & Strain Relief(35)



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 #1-2329387-3
PB OFF/ON FC YLW M1 TERM YLW
LED IP68



TE Model / Part #9-1676123-3
1/2W SM M/OX 5% 5K6



TE Model / Part #2-1879353-4
RR02 5% 39K AMMO



TE Model / Part #1-480701-6
03P UMNL CAP HSG BLU



TE Model / Part #1-480700-4
03P UMNL PLUG HSG YELL



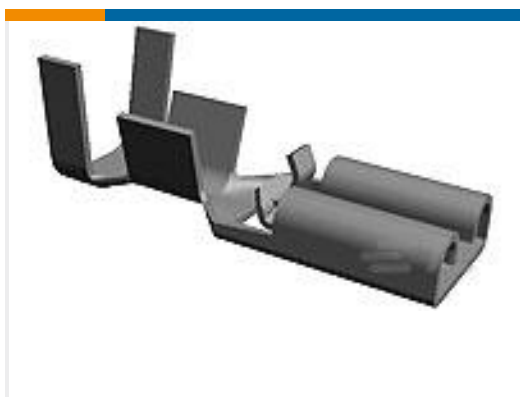
TE Model / Part #2-1879353-7
RR02 5% 51K AMMO



TE Model / Part #61029-2
FASTON .187 RECEPTACLE 20-16
AWG TPBR



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



TE Model / Part #1217114-1
REC 187 POS-LOC MKIII BR 18-14

Documents



Product Drawings

[03P UMNLCAP HSG YELL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-480701-4_BP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480701-4_BP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480701-4_BP.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