

2-480703-0 ✓ ACTIVE

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

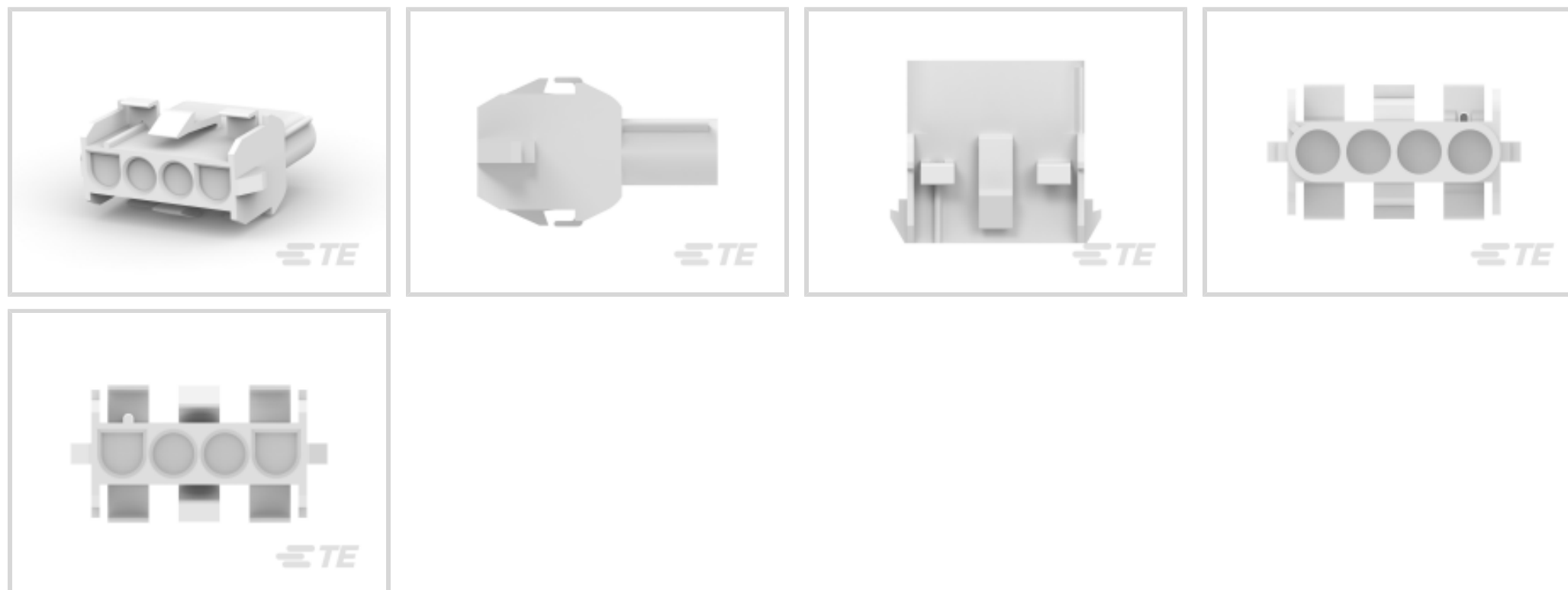
TE Internal #: 2-480703-0

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 4 Position, .25in [6.35mm] 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: **4**

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	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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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	Without
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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	Natural
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Housing Material	Nylon
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Dimensions

Width	7.62 mm [.3 in]
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Height	26.88 mm [1.05 in]
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Length	27.43 mm [1.07 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
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Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	Without
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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	LR7189
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VDE Tested	No
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Packaging Features



Packaging Method	Package
Packaging Quantity	1

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	Out of Scope
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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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


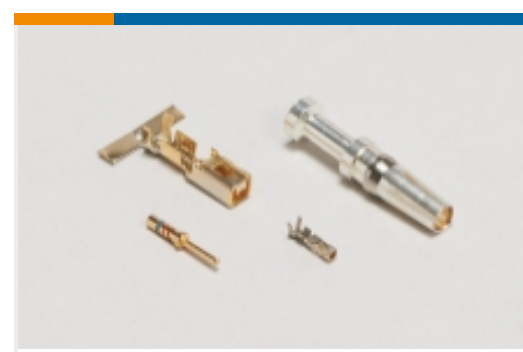

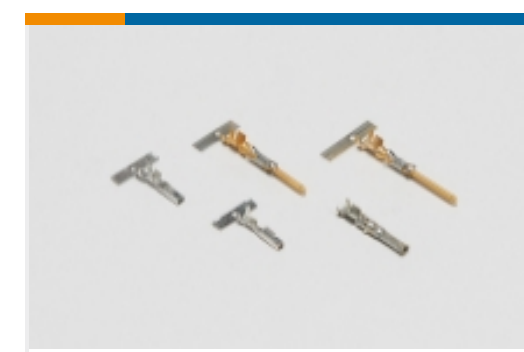
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

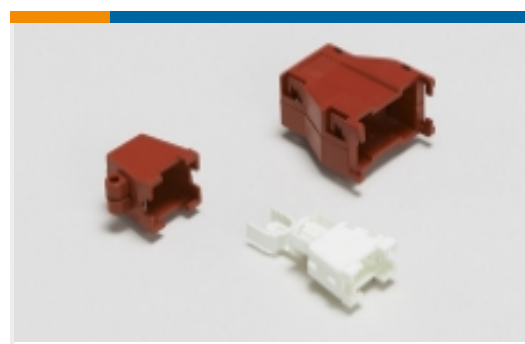
Compatible Parts



 <p>TE Part # 173926-1 4 P ACTION PIN UMNL</p>	 <p>TE Part # 350761-5 04P UMNL HDR ASSY PC LF</p>	 <p>TE Part # 350793-3 04P UMNL PIN HDR ASSY 94VO LF</p>	 <p>TE Part # 350430-1 04P UMNL PIN HDR ASSY NATL</p>
 <p>TE Part # 1-480703-9 04P UMNL CAP HSG BLK</p>	 <p>TE Part # 350779-4 04P UMNL PLUG HSG UL94VO</p>	 <p>TE Part # 1-350944-0 04P UMNL HDR ASSY R/A 94VO</p>	 <p>TE Part # 350792-1 04P UMNL PIN HDR ASSY 94VO</p>
 <p>TE Part # 643415-1 04P UMNL HDR ASSY POL</p>	 <p>TE Part # 926298-3 04P UNIV.M-N-L.PLUG</p>	 <p>TE Part # 2-480702-0 04P UMNL PLUG HSG NATL</p>	 <p>TE Part # 350826-1 04P UMNL HDR ASSY PC 94VO</p>
 <p>TE Part # 643230-1 04P UMNL HDR ASSY R/A 94VO</p>	 <p>TE Part # 926298-6 UNML PLUG 4WAY</p>	 <p>TE Part # 350780-1 04P UMNL CAP HSG</p>	 <p>TE Part # 350779-1 04P UMNL PLUG HSG</p>

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

 <p>Circular Power Connectors(2)</p>	 <p>Connector Contacts(11)</p>	 <p>Insertion & Extraction Tools(4)</p>	 <p>Power Contacts(207)</p>
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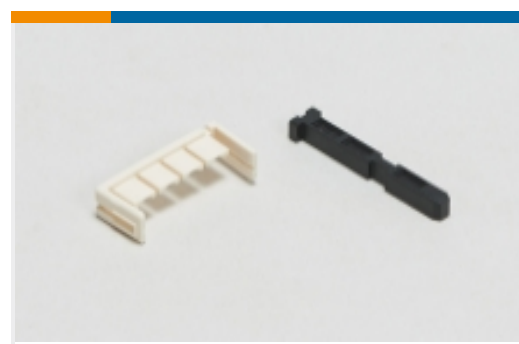
Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



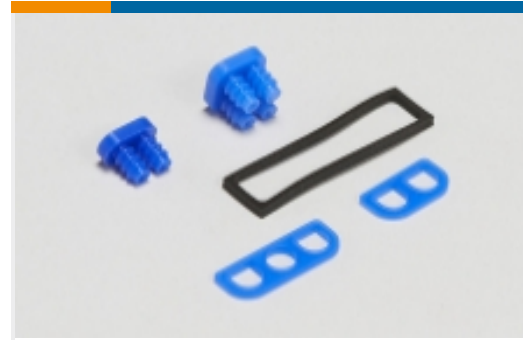
Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(726)

Customers Also Bought



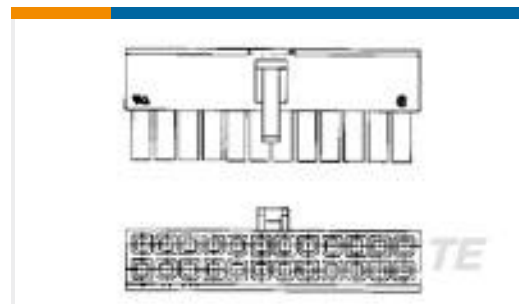
TE Part #1-327743-1
TERMINAL,PIDG R 16-14HD 1/4



TE Part #6469001-1
HM-ZD 4PR RECP 80P



TE Part #2-480702-0
04P UMNL PLUG HSG NATL



TE Part #1586019-4
4P RCPT VAL-U-LOK V0



TE Part #5645946-2
SKT,MIN-SPR B-N SN-AU SER-1.5



TE Part #F77529-000
WP-381191-5-9



TE Part #NB18742001
RNF-100-1/16-BK-STK

Documents

Product Drawings

04P UMNL CAP HSG NATL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-480703-0_BM.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-480703-0_BM.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-480703-0_BM.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

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Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

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Instruction Sheets

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

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

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Agency Approvals

[UL Report](#)

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[UL Report](#)

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