

1903747-1 ✓ ACTIVE

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

TE Internal #: 1903747-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2

Position, 4.14 mm [.162 in] Centerline, Wire & Cable, UL 94V-2, Mini-

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-Wire**

Number of Positions: **2**

Centerline (Pitch): **4.14 mm [.162 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	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

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



Contact Type	Socket
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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	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	4.14 mm [.162 in]
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Housing Color	Natural
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Housing Material	Nylon 6/6
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Dimensions

Connector Height	5.6 mm
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Product Width	10.8 mm
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Product Length	23.7 mm
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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

Agency/Standard	CSA
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Approved Standards	UL E28476
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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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Packaging Features

Packaging Quantity	1000
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Packaging Method	Bag
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability


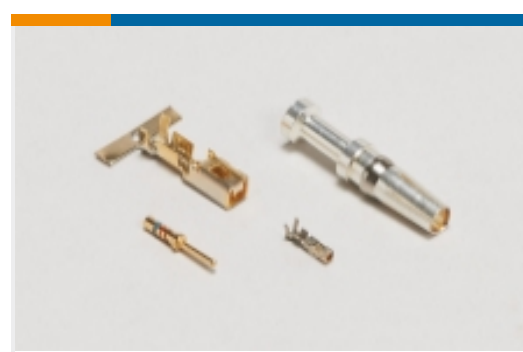


Product Compliance Disclaimer

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 Part # 170362-1 UNIV M-N-L SOC. 22-18 AWG	TE Part # 170359-1 UNIV M-N-L PIN 26-22 AWG	TE Part # 170361-1 UNIV M-N-L SOC. 26-22 AWG	TE Part # 170360-1 UNIV M-N-L PIN 22-18 AWG

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

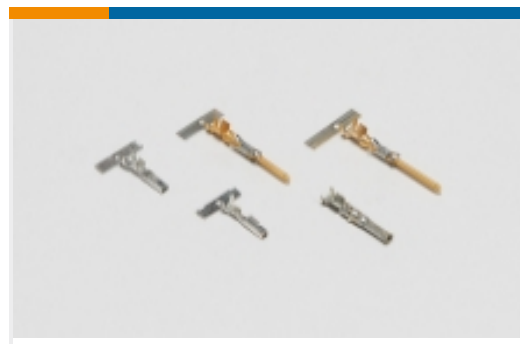
			
Connector Backshells(2)	Connector Contacts(8)	Connector Seals & Cavity Plugs(17)	Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(1)



Power Contacts(84)



Rectangular Connector Keying Plugs(2)

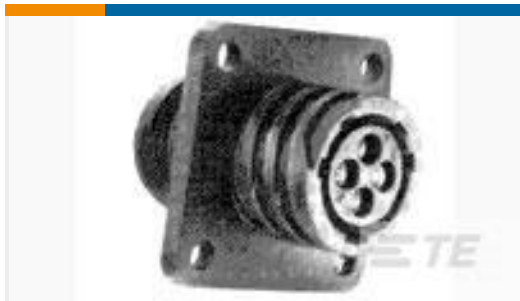


Rectangular Connector Locking(2)



Rectangular Power Connectors(244)

Customers Also Bought



TE Part #211103-1
CPC RECPT ASSEMBLY 17-14



TE Part #1825255-1
MHS12204=SPDT SL SW VERT AG



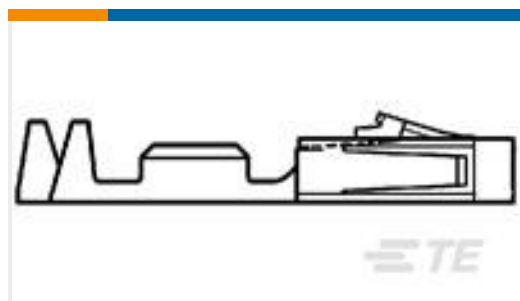
TE Part #104257-6
07 MTE RCPT HSG SR LATCH .100



TE Part #172337-1
MINI UMNL PLUG HOUSING 3P



TE Part #103653-2
03 MTE SHRD PIN HSG SR LATCH



TE Part #1-104480-7
SHORT POINT CONT PLTD SN



TE Part #171636-1
MINI U-M-N-L PIN CONTACT



TE Part #170361-3
MINI UNIVERSAL M-N-L SOCKET



TE Part #323994
SPLICE BUTT PIDG 26-24



TE Part #EP26656001
DWFR-8/2-0-190MM

Documents



Product Drawings

MINI UMNL GWT 2P PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1903747-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903747-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903747-1_C.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English