

1-172233-9 ✓ ACTIVE

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

TE Internal #: 1-172233-9

Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 2 Position, 4.2 mm [.165 in] Centerline, Mini-Universal MATE-N-LOK, Rectangular Power Connectors

[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: **2**

Centerline (Pitch): **4.2 mm [.165 in]**

Features

Identification Marking

Circuit Identification Feature	With
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Contact Features

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

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Panel Mount

Industry Standards

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Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189, Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

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

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Centerline (Pitch)	4.2 mm [.165 in]
Housing Color	Black
Housing Material	Nylon 66

Usage Conditions

Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

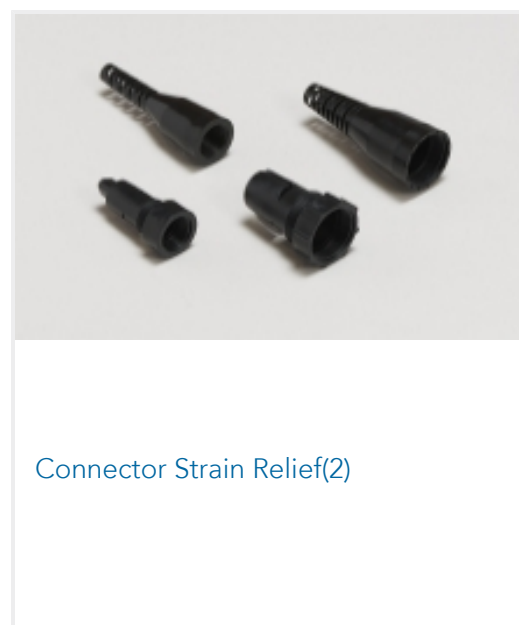
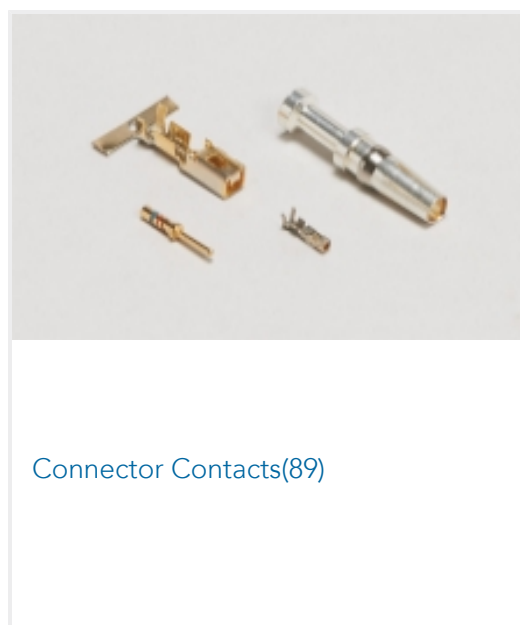
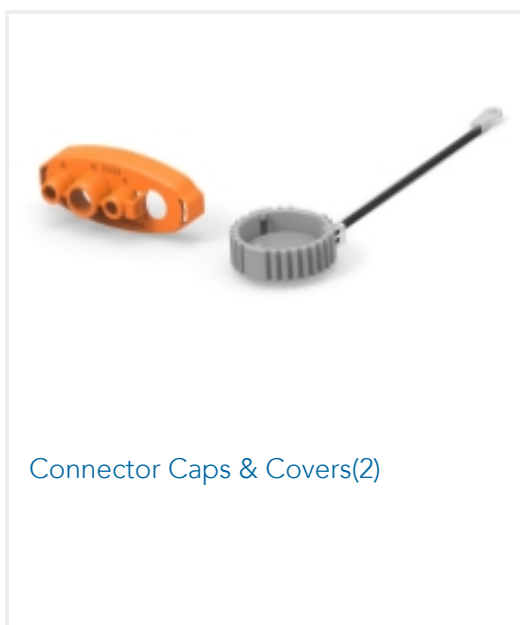
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





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

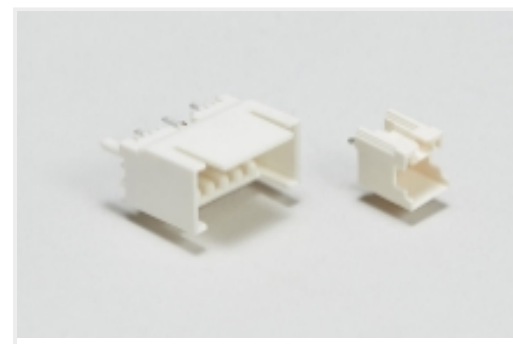




Power Contacts(89)

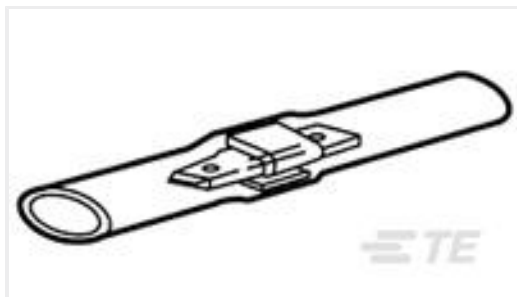


Rectangular Power Connectors(104)

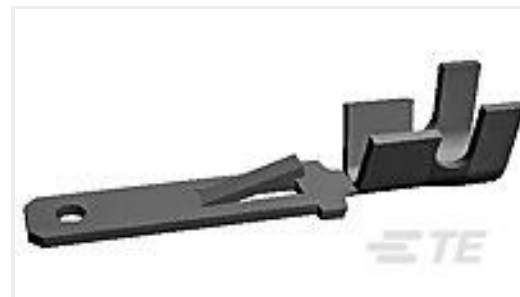


Wire-to-Board Headers & Receptacles (93)

Customers Also Bought



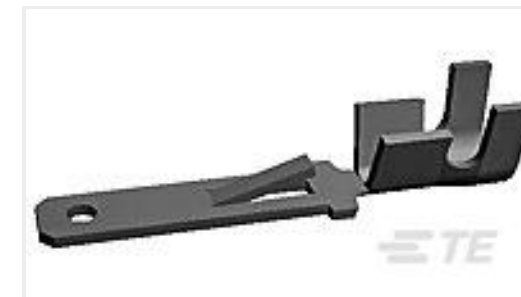
TE Part #321235
RECEPT, FASTON SPLICE 22-10



TE Part #293041-2
FF 250 TAB 0.35-1.0MM2 TPBR



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



TE Part #42098-1
FF 250 TAB 18-14 AWG .032 BR



TE Part #63195-1
PL 187 RECEPTACLE 20-16 AWG TPBR



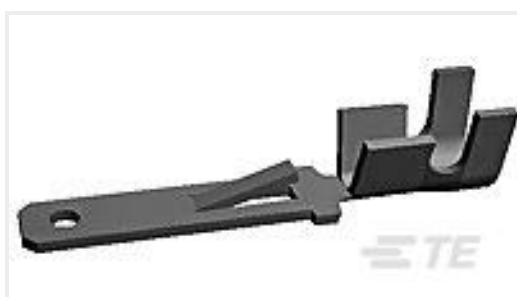
TE Part #926984-1
STD TIMER CONTACT



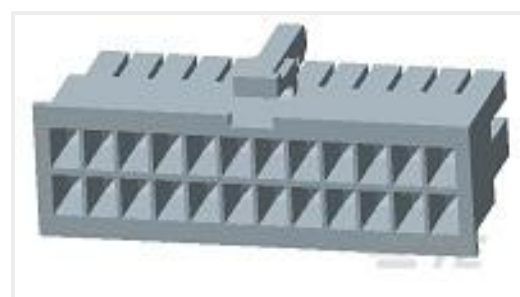
TE Part #179228-7
CT CRIMP-2 REC HSG 7P NATURAL



TE Part #928343-6
STD-TIM GEH 6P



TE Part #928962-2
FF 250 TAB 1.0-2.5MM2 TBR



TE Part #1969614-2
2P RCPT VAL-U-LOK V0

Documents

Product Drawings

[2P MINI UNIV FREE HANG BLACK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-172233-9_E.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-172233-9_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172233-9_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Engineering Report](#)

English

Instruction Sheets

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

English

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

English

Agency Approvals

[UL Report](#)

English