



MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 1-480305-0

3 Position, Cap, Housing, Crimp, Wire-to-Wire, UL 94V-2, 5.08 mm [.2 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
 Connector & Housing Type: **Cap**
 Termination Method to Wire & Cable: **Crimp**
 Connector System: **Wire-to-Wire**
 Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Layout	Inline
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	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.08 mm [.2 in]
Housing Material	Nylon

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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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Certified, Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 16455
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

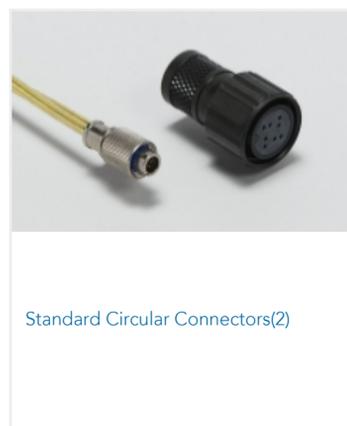
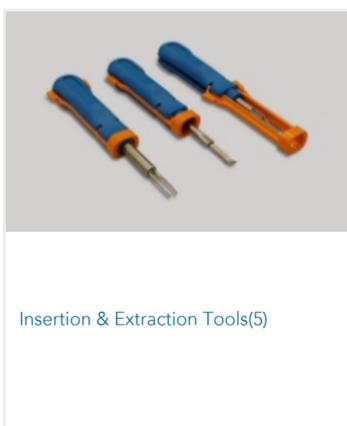
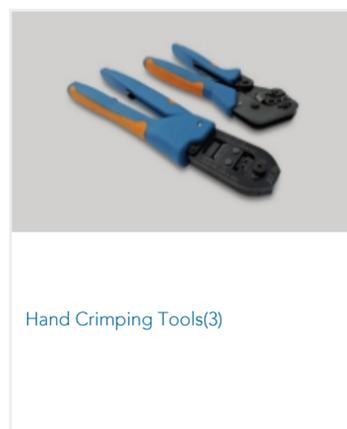
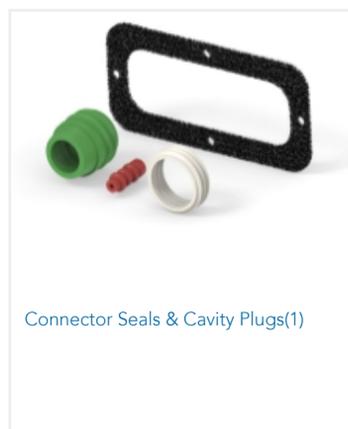
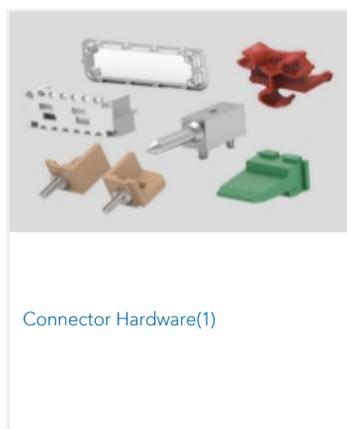
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Part # 163302-7 MATENLOK SOCKET	 TE Part # 163555-7 MATE-N-LOK PIN 0,3-	 TE Part # 60620-1 CMNL PIN 20-14 TPBR L/P	 TE Part # 163304-3 MATENLOK SOCKET
 TE Part # 163302-8 MATENLOK SOCKET	 TE Part # 350512-1 UMNL SOK DBL WIRE .0126PTPBR	 TE Part # 170120-4 MATE-N-LOK SOCKET	 TE Part # 163558-4 PIN M-N-L



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





Wire-to-Board Headers & Receptacles
(55)

Customers Also Bought



TE Part #60617-1
CMNL SOK SNBR L/P



TE Part #61118-1
MNL PIN 20-14 TPBR



TE Part #163304-2
MATENLOK SOCKET SDW



TE Part #1-480304-0
03P CMNL PLUG HSG P/M NATL



TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL



TE Part #1-480426-0
04P CMNL CAP HSG F/H NATL



TE Part #5-1393144-5
K10P-11D15-12=K10/K20



TE Part #1757835-2
AMPLIMITE, PLUG ASY, R/A, 109, ZN, 2



TE Part #1757836-4
AMPLIMITE, R/A RCPT ASY, 109, ZN, 4



TE Part #2029369-1
06P UMNL-II REAR, TW-N-LK-CAP

Documents

Product Drawings

[03P CMNL CAP HSG F/H NATL](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_1-480305-0_R.2d_dxf.zip](#)

English

[Customer View Model](#)



[ENG_CVM_1-480305-0_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-480305-0_R.3d_stp.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-480305-0_BG.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480305-0_BG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480305-0_BG.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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

English

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

English