1-171197-0 ✔ ACTIVE

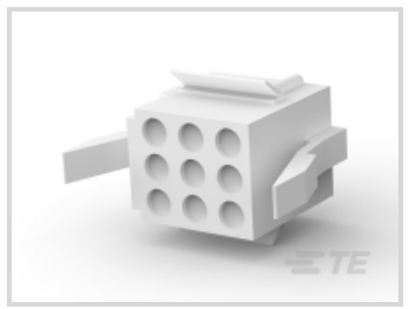
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 1-171197-0

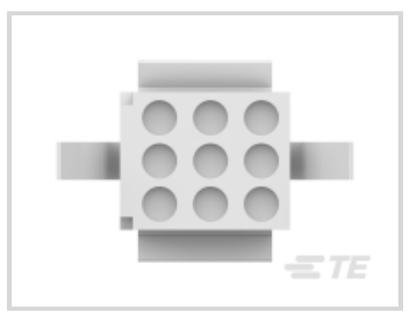
9 Position, Plug, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-2, 5.1 mm [.202 in] Centerline, 3 Row, 250 VAC, Commercial MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Locking Leg
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	5.1 mm[.202 in]
Housing Material	Nylon

Dimensions

Panel Thickness (Recommended)	.64 – 1.65 mm[.025 – .065 in]
Connector Width	16.51 mm
Connector Length	20.45 mm
Row-to-Row Spacing	6.1 mm[.24 in]

Usage Conditions

Operating Temperature Range	0 – 105 °C[32 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With

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	500
Packaging Method	Bag

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 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 # 163306-4
SOCKET M-N-L



TE Part # 60619-1
CMNL SOK PTPBR L/P



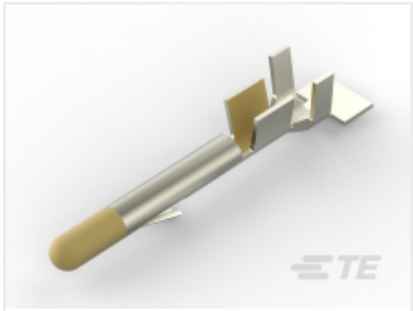
TE Part # 163304-4
SOCKET MATEN-LOK



TE Part # 170121-4
M-N-L SKT



TE Part # 170148-2
MNL SOCKET L.P. 170147



TE Part # 61118-5
CMNL PIN 20-14 AUNIBR



TE Part # 61174-1
CMNL PIN L/P PTBR



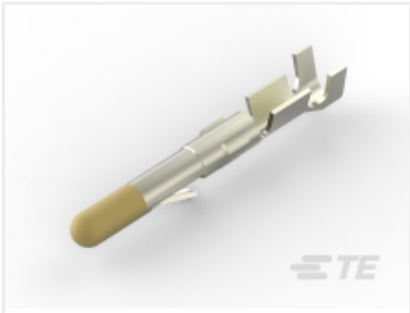
TE Part # 61314-4
CMNL SOK 24-18 TPPHBZ



TE Part # 61314-7
CMNL SOK 24-18 AUBR



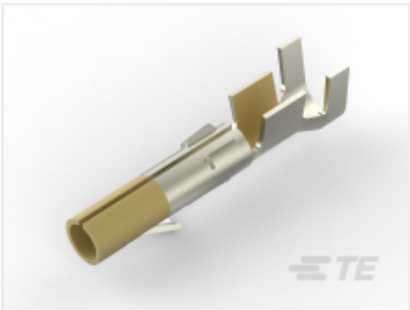
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CMNL PIN 24-18 PTPHBZ



TE Part # 61116-7
CMNL PIN 24-18 AUNIBR



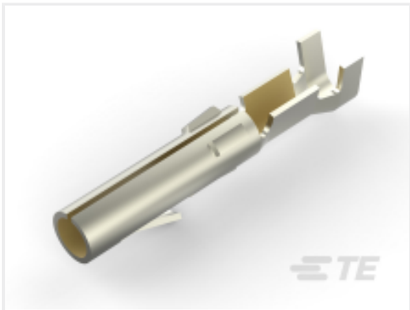
TE Part # 61117-1
CMNL SOK 20-14 TPBR



TE Part # 61117-5
CMNL SOK 20-14 AUBR



TE Part # 61118-4
CMNL PIN 20-14 TPPHBZ



TE Part # 60617-5
CMNL SOK AUBR L/P



TE Part # 350558-1
MNL PIN SPECIAL .0126 PTPBR



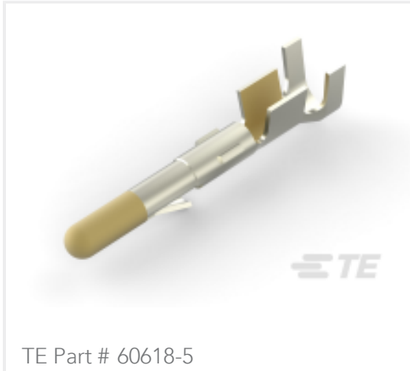
TE Part # 170121-1
MATE-N-LOK SKT L.P.



TE Part # 61527-2
CMNL GROUDING PIN 22-18 PTPBR



TE Part # 350078-5
CMNL SOK 30-22 AUNIBR



TE Part # 60618-5
CMNL PIN AUBR L/P

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



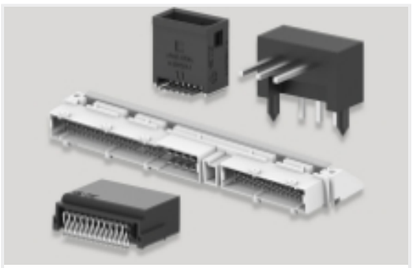
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(55)



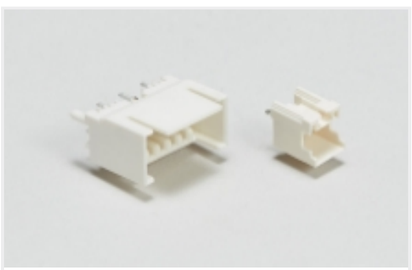
Power Contacts(146)



Rectangular Power Connectors(181)

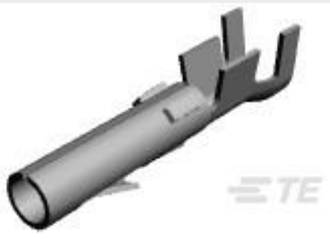


Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (55)

Customers Also Bought



TE Part #60619-4
CMNL SOK PTPPHBZ L/P



TE Part #61907-1
187 FASTON TAB TPBR



TE Part #66602-8
III+ PIN,18-14,TIN,LP



TE Part #1-175218-5
DYNAMIC D-3 REC CONT. L PRE-TIN L/P



TE Part #1-178288-3
DYNAMIC DD3100 REC HSG 3P (SGL)



TE Part #316041-2
DYNAMIC D-5 REC CONT. M L/P



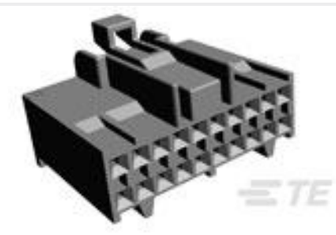
TE Part #1375820-9
CST-100 II HOUSING 9 POS



TE Part #1747053-1
40 P HDR ASSY - V TYPE PC.I/O CONN.



TE Part #1827588-2
DYNAMIC D1000 REC CONT L AU 0.38 um L/P



TE Part #172047-2
DLI HSG 20 POS MOD IV TYPE

Documents

Product Drawings

9 POS MATE-N-LOK S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-171197-0_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-171197-0_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-171197-0_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English