794036-4 ✔ ACTIVE

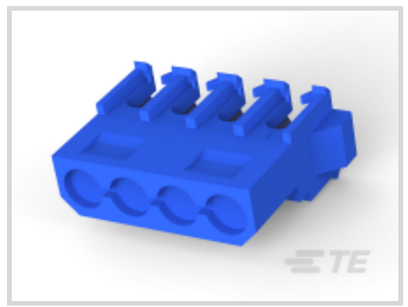
MATE-N-LOK | Commercial MATE-N-LOK

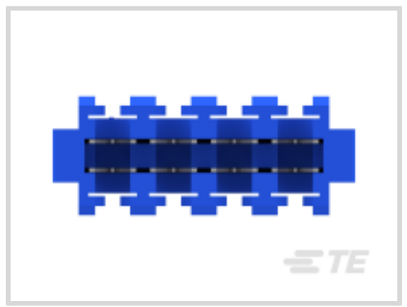
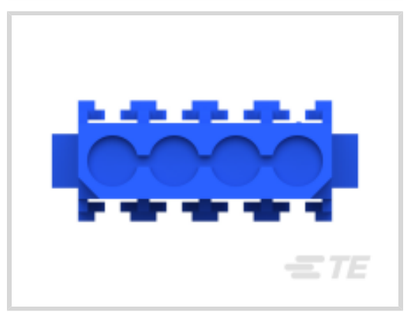
TE Internal #: 794036-4

Commercial MATE-N-LOK, Rectangular Power Connectors, Connector Assembly, Plug, Wire-to-Wire, 4 Position, 5.08mm [.2in] Centerline, Wire & Cable

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Power Positions	4
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Layout	Inline

Multiple Contact Types	Without
Contact Current Rating (Max)	13 A
Contact Retention Within Housing	With
Contact Type	Socket
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
Wire Type	Stranded

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Mating Retention Type	Detent Lock

Housing Features

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

Dimensions

Wire Size	1.25 mm^2
	1.02 – 2.54 in
Height	16.33 mm
Accepts Wire Insulation Diameter Range	2.41 mm[.095 in]
Length	20.93 mm

Usage Conditions

Operating Temperature Range	-67 – 221 °C, -55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Certified, Recognized
CSA File Number	LR16455
VDE Tested	No

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

For Use With	Header, Pin (Cap) Housing

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

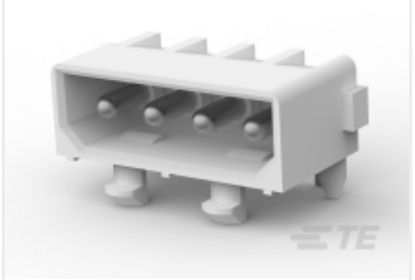
Compatible Parts



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



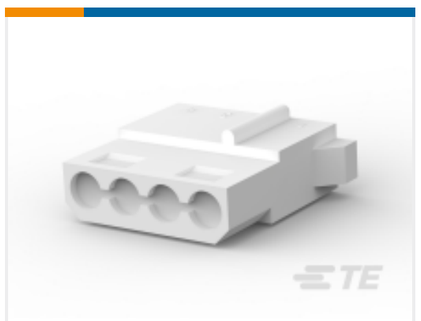
TE Part # 770846-1
04P CMNL HDR ASSY R/A BLK HT



TE Part # 1-641737-1
04P CMNL HDR ASSY R/A V0



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



TE Part # 770827-1
04P CMNL PLUG HSG 94-VO



TE Part # 350211-1
04P CMNL HDR ASSY PC



TE Part # 770829-1
04P CMNL HDR R/A BLK HT T/L



TE Part # 641737-1
04P CMNL HDR ASSY R/A PC NATL



TE Part # 350424-1
04P CMNL HDR ASSY PC NATL



TE Part # 770232-1
CMNL IDC COVER



TE Part # 770233-1
CMNL IDC COVER

Also in the Series | Commercial MATE-N-LOK



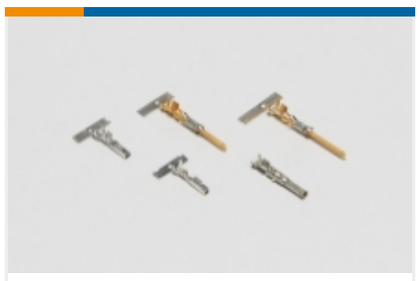
Connector Contacts(26)



Crimp Wire Pins, Tabs & Ferrules(3)



Insertion & Extraction Tools(5)



Power Contacts(129)



Rectangular Caps & Covers(2)



Rectangular Connector Housings(17)



Rectangular Connector Seals(1)



Rectangular Power Connectors(171)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)

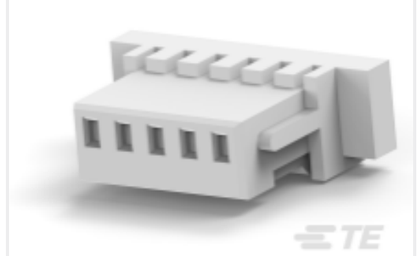


Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #0462-209-16141
DEUTSCH SOLID CONTACTS



TE Part #1-1470364-4
AMP HPI 1.0MM RECEPTACLE HOUSINGS



TE Part #1-440146-5
1.25mm WTB Socket,Housing,15p



TE Part #W6P
DEUTSCH DT WEDGELOCKS



TE Part #1-480698-0
02P UMNL PLUG HSG NATL



TE Part #1-480704-4
06P UMNL PLUG HSG YELL



TE Part #1-1393250-7
W28-XQAT-15=W28

Documents

Product Drawings

4P CMNL IDC PLUG 16AWG BLU V0

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794036-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_794036-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_794036-4_B.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English