794697-1 ✔ ACTIVE

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

TE Internal #: 794697-1

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 5.08 mm [.2 in] Centerline, Fully Shrouded, Tin (Sn), Commercial MATE-N-LOK

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

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

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Loaded Positions	4
PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	1
Number of Power Positions	4

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	15 A
PCB Contact Termination Area Plating Material	Pre-Tin

Termination Features

Termination Post & Tail Length	3.56 mm[.14 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Detent Lock
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Alignment Type	Locating Posts
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Connector Width	12.29 mm[.48 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]
Connector Height	8.76 mm[.345 in]
Connector Length	25.4 mm[1 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

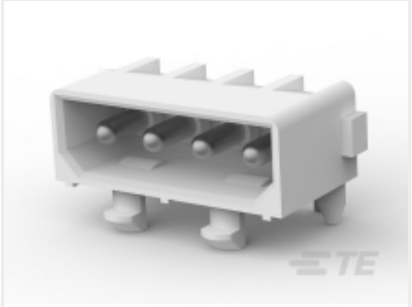
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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



TE Part # 643488-1
03P CMNL HDR ASSY R/A



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



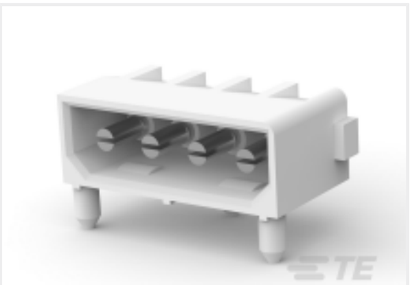
TE Part # 794120-1
02P CMNL PC HDR ASSY RA



TE Part # 794120-2
02P CMNL PC HDR ASSY RA V0



TE Part # 794431-1
04P CMNL PIN HDR SN LONG TAIL



TE Part # 770149-1
04P CMNL PIN HDR ASSY R/A

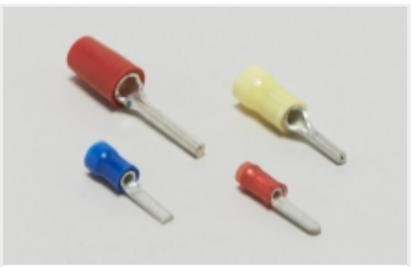


TE Part # 827001-2
4P MNL STIFTSOCKEL

Also in the Series | Commercial MATE-N-LOK



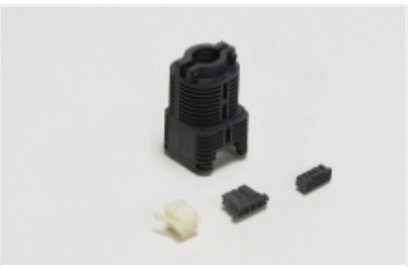
Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



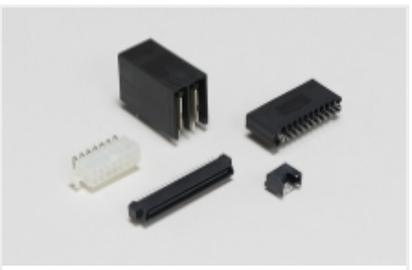
Rectangular Connector Housings(118)



Rectangular Power Connectors(181)



Standard Circular Connectors(2)



Standard Rectangular Connectors(126)

Customers Also Bought



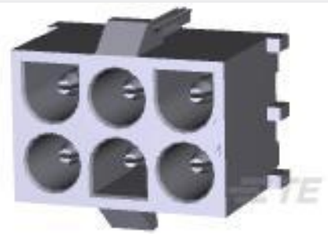
TE Part #5-146131-9
20 MODII HDR DRST SFMNT B/A LF



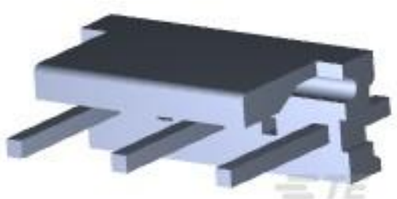
TE Part #5-147747-5
10 MODIV VRT DR SFMNT 30AU



TE Part #350434-4
15P UMNL PIN HDR ASSY NATL LF



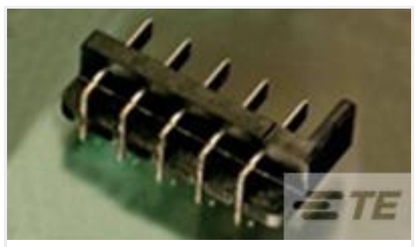
TE Part #641970-3
06P UMNL PIN HDR ASSY 94VO LF



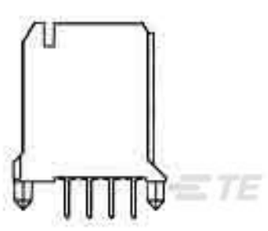
TE Part #644969-1
05P MTA156 HDR ASSY W/O2&4 F/L



TE Part #2007786-3
IMP100S,H,V3P10C,UG,DEW46,5.5

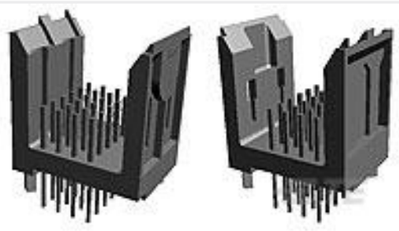


TE Part #5796078-1
HDR ASSY,RA,KEYLESS,5POS



TE Part #5223650-2
2MM FB,4RV,REC,ASY,048,PF,4.25

TE Part #5223650-4
2MM FB,4RV,REC,ASY,096,PF,4.25



TE Part #5536536-2
2MMFB,ASY,048,SIG,HDR,SL,3.20

Documents

Product Drawings

04P CMNL HDR ASSY R/A PC NATL

English

CAD Files

Customer View Model

ENG_CVM_794697-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_794697-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_794697-1_A.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English