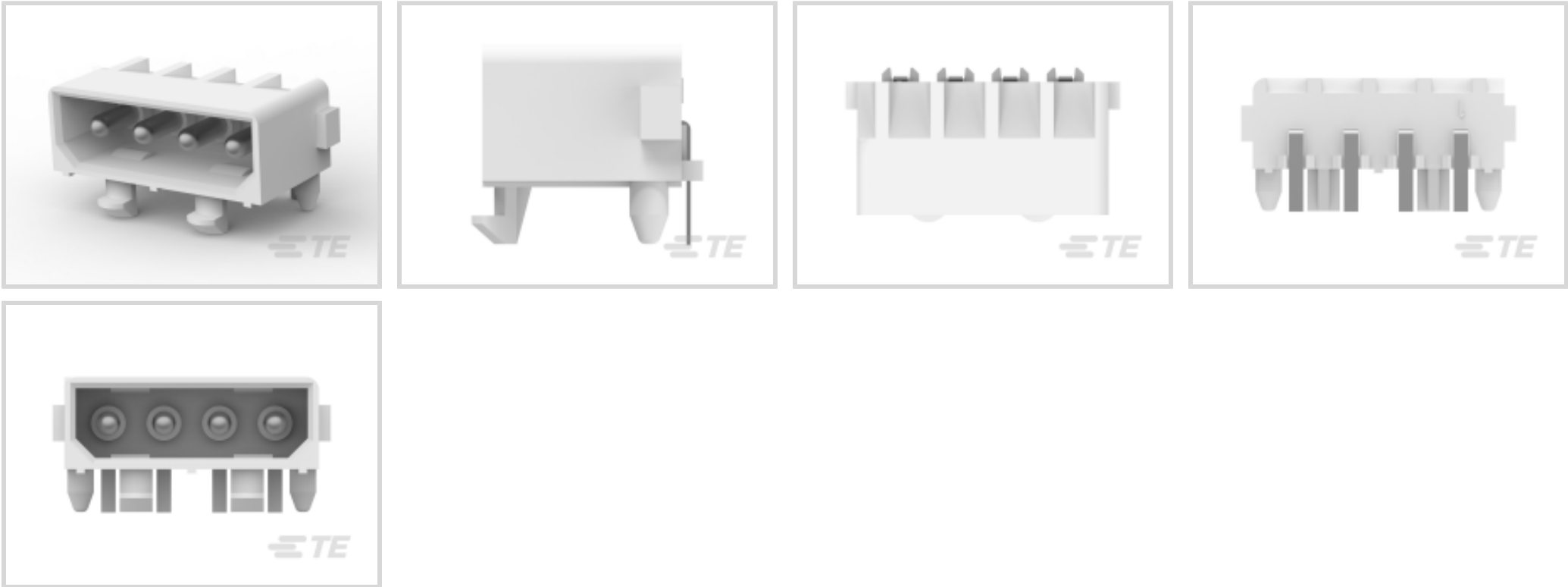




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

Number of Rows: **1**

Features

Product Type Features

Mixed & Hybrid Header	No
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 Columns	4
Number of Loaded Positions	4
Number of Power Positions	4
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle



Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	White
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Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	2.18 mm[.086 in]
Contact Underplating Material Thickness	1.27 – 1.79 μm[50 – 70 μin]
Contact Size	2.18mm
Contact Mating Area Plating Material Thickness	3.81 – 5.08 μm[150 – 200 μin]
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 μm[150 – 200 μin]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Pin
Contact Current Rating (Max)	12 A

Termination Features

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

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Detent Lock
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With



Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Side
Housing Material	Nylon
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Connector Width	12.29 mm[.484 in]
PCB Thickness (Recommended)	1.57 mm[.062 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

Circuit Application	Power
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Industry Standards

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

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: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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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 # 794036-3 4P CMNL IDC PLUG 22AWG RED V0	 TE Part # 770827-1 04P CMNL PLUG HSG 94-V0	 TE Part # 770156-5 04P CMNL IDC PLUG 16 AWG BLU V	 TE Part # 770156-4 4P CMNL IDC PLUG 20AWG YEL V2
 TE Part # 794036-1 4P CMNL IDC PLUG 18AWG ORG V0	 TE Part # 794036-2 4P CMNL IDC PLUG 20AWG YEL 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 # 770156-2
4P CMNL IDC PLUG 22AWG RED V2

TE Part # 827001-2
4P MNL STIFTSOCKEL

TE Part # 770156-3
4P CMNL IDC PLUG 18AWG ORG V2

TE Part # 794036-4
4P CMNL IDC PLUG 16AWG BLU V0

TE Part # 794697-1
04P CMNL HDR ASSY R/A PC NATL

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

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(56)

Power Contacts(146)

Rectangular Power Connectors(182)

Standard Circular Connectors(2)

Wire-to-Board Headers & Receptacles
(56)

Customers Also Bought



TE Part #4-1393789-3
[V23079D2001B301](#)



TE Part #1586162-1
[03P UMNL PIN HDR 94VO NDH](#)



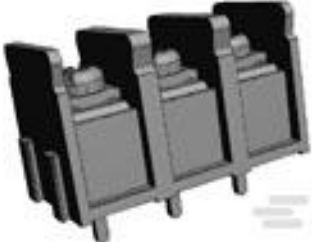
TE Part #4-174821-0
[1.25FP,P10,DL,B,N,BG,5.00,6.90](#)



TE Part #1-1623819-4
[SBL4 R051 5%](#)



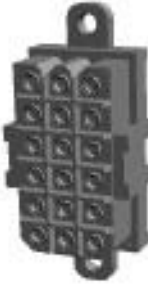
TE Part #3-1676481-6
[CPF 0603 160R 0.1% 25PPM 1K RL](#)



TE Part #1977477-3
[Module Dual Barrier, .325 CL, 3 Pos.](#)



TE Part #2154640-3
[Herm Blade & Recept assy w/latch & posts](#)



TE Part #207530-7
[SKT HDR ASSY,18 POSN,METRIMATE posts](#)



TE Part #1879217-9
[CPF 0603 300K 0.1% 25PPM 1K RL](#)



TE Part #7-1625892-7
[3W SM M/OX 5% 18K](#)

Documents

Product Drawings

[04P CMNL HDR ASSY R/A V0](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-641737-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-641737-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-641737-1_G.3d_stp.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_1-641737-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-641737-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-641737-1_T.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English