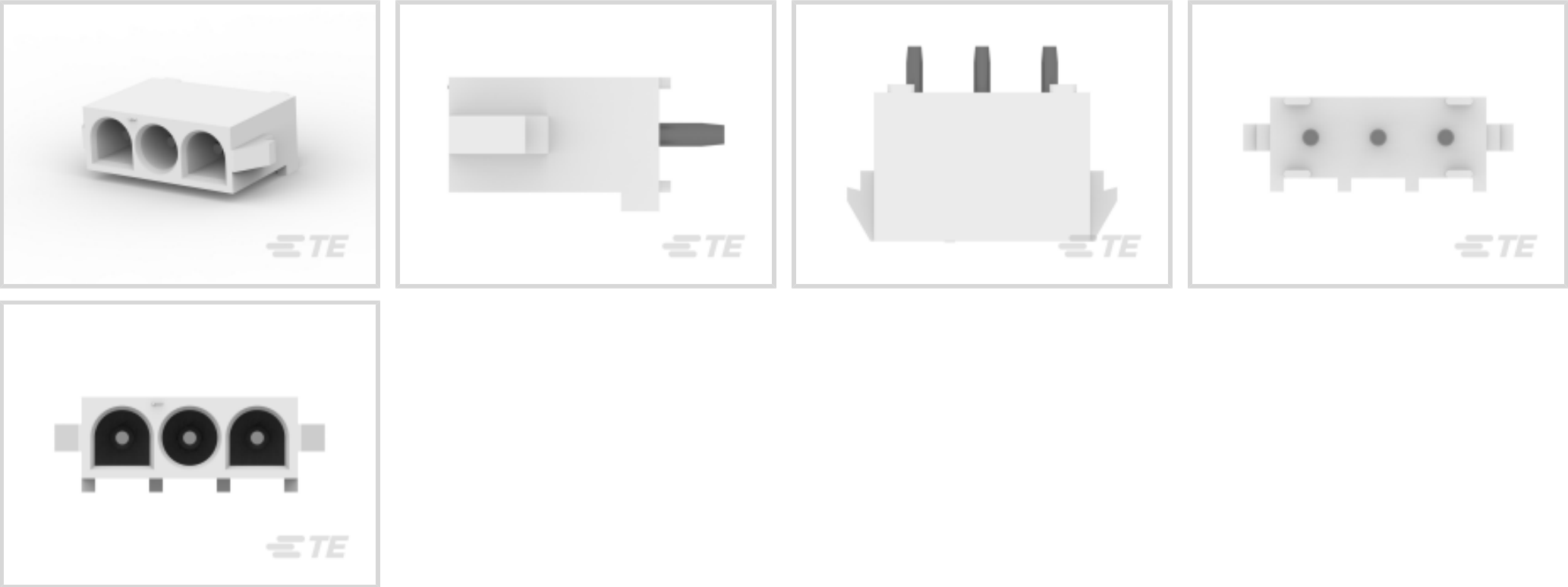




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

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	3
Number of Loaded Positions	3
Number of Power Positions	3
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	3



Number of Rows	1
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	White
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Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	2.2 mm[.087 in]
Contact Underplating Material Thickness	1.27 – 1.79 µm[50 – 70 µin]
Contact Size	2.2mm
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
Contact Shape & Form	Round
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 Diameter	1.57 mm[.062 in]
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	Locking Tab
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With



Housing Features

Mating Entry Location	Top
Housing Material	Nylon
Centerline (Pitch)	6.35 mm[.25 in]

Dimensions

Connector Width	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.97 mm[.55 in]
Profile Height from PCB	14.73 mm[.58 in]
Connector Length	20.32 mm[.8 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	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

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 # 1586849-1 03P UMNL CAP HSG NATL, GW	 TE Part # 794900-1 03P UMNL HI TEMP CAP HSG	 TE Part # 641945-1 03P UMNL STR/REL	 TE Part # 1-640720-0 03P UMNL STR/REL & INSRT NATL
 TE Part # 1586892-1 03P UMNL HDR ASSY R/A, GW	 TE Part # 350811-1 STR/REL CLAMP	 TE Part # 640714-1 03P UMNL STR/REL	 TE Part # 350766-1 03P UMNL PLUG HSG



TE Part # 641763-1
03P UMNL STR/REL V2 NATL

TE Part # 770018-1
03P UMNLII IN-LNE PLUG HSG KIT

TE Part # 794992-1
03P UMNL BLACK INTERFACE SEAL

TE Part # 794271-1
03P UMNL INTERFACE SEAL

TE Part # 794272-1
03P UMNL WIRE SEAL

TE Part # 1-350589-0
STR/REL CLAMP NATL

TE Part # 350848-3
03P UMNL PLUG TEST ASSY 94VO

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Caps & Covers(34)

Connector Seals & Cavity Plugs(27)

Connector Strain Relief(7)

Insertion & Extraction Tools(4)

PCB Headers & Receptacles(286)

Rectangular Power Connectors(651)

Wire-to-Board Headers & Receptacles (286)

Customers Also Bought

TE Part #1-2176359-6
RQ 0402 57R6 0.1% 10PPM 1K RL

TE Part #3-1630027-7
HSC300 82R 5%

TE Part #350711-1
06P UMNL PIN HDR ASSY 94VO

TE Part #1-2176360-0
RQ 0402 536R 0.1% 10PPM 1K RL





TE Part #7-1437667-5
[4DB-R108-06=4DB ASSEMBLY](#)



TE Part #2-647127-2
[02P MTA156 SHRD HDR ASSY LF](#)



TE Part #53127-2
[TERMINAL,SOLIS SPR SPD 12-10 8](#)



TE Part #5-1630186-6
[HSA50 470R 1%](#)



TE Part #1544142-1
[CLIP8MM ECHANCRE S](#)

TE Part #2029134-4
[4P VERT HDR VAL-U-LOK V0 BLK](#)

Documents

Product Drawings

[03P UMNL PIN HDR ASSY 94VO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350789-1_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350789-1_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350789-1_W.3d_stp.zip](#)

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[3D PDF](#)

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Customer View Model

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Customer View Model

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English



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[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)
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Product Specifications
[Application Specification](#)
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Agency Approvals
[UL](#)
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