



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

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	2
Number of Loaded Positions	2
Number of Power Positions	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	2



Number of Rows	1
Electrical Characteristics	
Operating Voltage	600 VAC
Body Features	
Primary Product Color	Natural
Contact Features	
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.79 µm[50 – 70 µin]
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 Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Socket
Contact Current Rating (Max)	12 A
Termination Features	
Termination Post & Tail Length	2.54 mm[.1 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	13.97 mm[.55 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 Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	200
Packaging Method	Bag

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

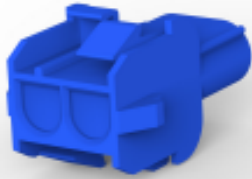
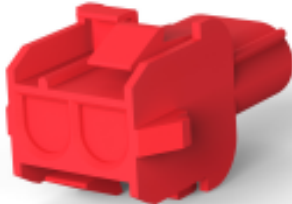
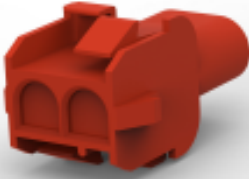
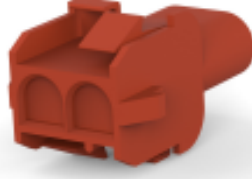
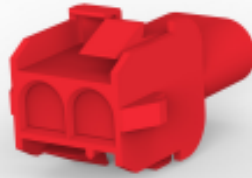
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1703062-2 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 1703062-3 CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK	 TE Part # 1-350778-1 02P UMNL V0 CAP HSG BROWN	 TE Part # 1-480699-1 02P UMNL CAP HSG BRN
 TE Part # 1-480699-2 02P UMNL CAP HSG RED	 TE Part # 1-480699-9 02P UMNL CAP HSG BLK	 TE Part # 1-350778-3 02P UMNL V0 CAP HSG ORANGE	 TE Part # 1586869-1 03P UMNL HDR ASSY, GW
 TE Part # 1586856-1 02P UMNL CAP HSG, GW	 TE Part # 1586866-1 02P UMNL HDR ASSY V2, GW	 TE Part # 1586953-1 02P UMNL PIN HDR ASSY NATL, GW	 TE Part # 1969795-1 02P UMNL HDR ASSY SCKT V0 GW
 TE Part # 350986-4 02P UMNL HDR ASSY LNG/TL	 TE Part # 1-480699-8 02P UMNL CAP HSG GRY	 TE Part # 1-480699-5 02P UMNL CAP HSG GRN	 TE Part # 1-480699-0 02P UMNL CAP HSG NATL



TE Part # 350759-4
02P UMNL HDR ASSY PC V2 NATL

TE Part # 1586211-1
06P UMNL SOK HDR 94V2 NDH

TE Part # 1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

TE Part # 1-1703062-2
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(208)

Connector Hardware(12)

Power Contacts(208)

Rectangular Power Connectors(651)

Standard Circular Connectors(1)

Customers Also Bought

TE Part #5-794636-0
20P MICRO MNL ASSY,VRT,SMT,LF

TE Part #8918194004
HCTE-0750-0-SP

TE Part #CSA-SMAM-216-RSFB
SMA to RP-SMA 216mm RG174

TE Part #6609101-5
PS00XS000=C1005

TE Part #5745967-7
25 RCPT SP/FMS INSRT

TE Part #1-745491-9
RCPT ASSY,9P,HDE,MS

TE Part #2106135-2
Assembly, Free Hanging Plug, SLC, 2 pos

TE Part #2-1445056-2
MICRO MNL HDR ASSY SINGLE ROW



Documents

Product Drawings

02P UMNL HDR SHRT TAIL, NDH

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2029000-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_2029000-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_2029000-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English