

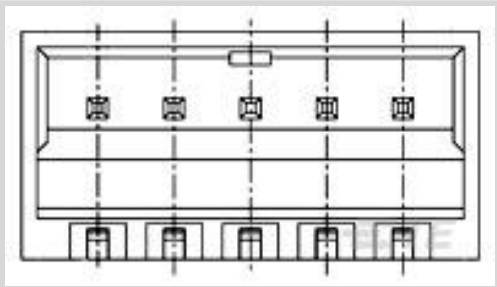
TE Internal #: 1775444-2

PCB Mount Header, Right Angle, Wire-to-Board, 2 Position, 1.5 mm
[.059 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Signal,
Natural

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > AMP HPI 1.5 mm Headers



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **2**

Number of Rows: **1**

[All AMP HPI 1.5 mm Headers \(56\)](#)

Features

Product Type Features

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

PCB Mount Orientation	Right Angle
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]



Mating Square Post Dimension	.4 mm[.016 in]
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	2.7 mm[.106 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.6 mm[.024 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Terminations per Post (Max)	3
Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	Without
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Connector Width	7 mm[.276 in]
Connector Height	4.45 mm[.175 in]
Connector Length	4.5 mm[.177 in]

Usage Conditions

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Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	125
Packaging Method	Box, Tube

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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 # 1775442-1
EMIX CONN., 1.5mm PITCH, TERMI



TE Part # 2405417-2
2P TO 2P 300MM CABLE ASSEMBLY, 1775441-2



TE Part # 1775441-2
EMIX CONN., 1.5MM PITCH, RCPT, HSG, 2P

Customers Also Bought



TE Part #2-1419158-7
INLINE CONN.MALE22P



TE Part #9-1879337-4
CPF 0603 23K2 1% 50PPM 1K RL



TE Part #926681-1
UNIV.M-N-L.CAP HSG.



TE Part #5228664-2
UHF PLUG-MINIATURE



TE Part #3-1622826-6
CRG0402 5% 33R



TE Part #2-2176093-4
RP 2A 0.25W 16K5 0.1% 25PPM 1K RL



TE Part #HD34-24-16SN-072
REC, 16P, AL, N, THD ADPT, DRAIN, 12, S



TE Part #7-1676914-4
YR1 0.1% 619K



TE Part #1106437-1
HA.16.KDO-LB.1.M20G



TE Part #3-1106302-9
SCHELLENSET 6 MM

Documents

Product Drawings

EMIX CONN., 1.5MM PITCH, HDR, R/A, 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1775444-2_A2.2d_dxf.zip

1775444-2

PCB Mount Header, Right Angle, Wire-to-Board, 2 Position, 1.5 mm [.059 in]
Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Signal, Natural



English

Customer View Model

[ENG_CVM_CVM_1775444-2_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1775444-2_A2.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[HPI Connectors QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English