



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

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	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 V

Body Features

Primary Product Color	Black
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Contact Features



Contact Mating Area Plating Material Thickness	.381 μm[30 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Hold-Down
Mating Alignment Type	Latched, Polarization
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

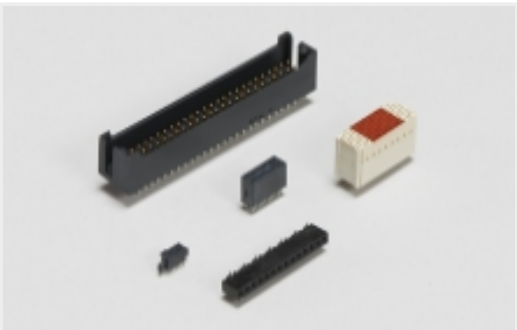
Product Compliance Disclaimer

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 # 103648-1 02 MTE RCPT HSG SR RIB .100CL	 TE Part # 5-103970-1 10X2 MTE RCPT SR RIBBED .100CL	 TE Part # 5-103958-1 10X2 MTE RPT SR LATCH .100CL	 TE Part # 5-103961-1 10X2 MTE RCPT SR LATCH .100CL
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Also in the Series | AMPMODU MTE



Board-to-Board Headers & Receptacles(24)



Connector Caps & Covers(18)



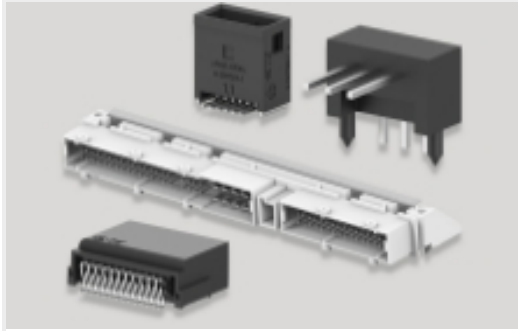
Connector Contacts(27)



Connector Hardware(1)



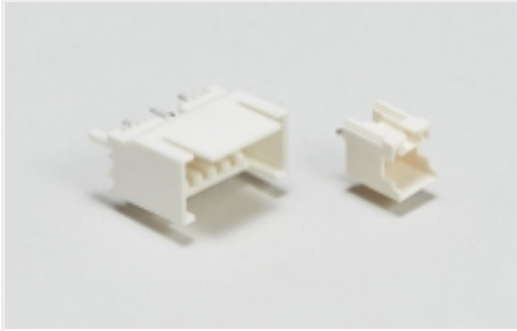
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



Wire-to-Board Connector Assemblies & Housings(298)



Wire-to-Board Headers & Receptacles (420)

Customers Also Bought



TE Part #5-1375582-5
06 MTE VERTICAL SMT HDR 15 AU



TE Part #CONN013-W
N Type Jack PCB Through Hole



TE Part #2-292175-2
CT BOX HDR V SMT 2P O/TAPE BLA



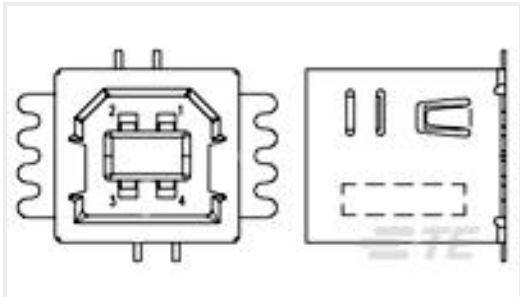
TE Part #2324869-1
CONNECTOR ASSEMBLY, SMT, PDNI, OSFP



TE Part #5-1375583-7
08 MTE VERTICAL SMT HDR 30 AU



TE Part #9-1393253-1
W69-X2Q12-30=M6/M7/M9/W6/W7



TE Part #1734517-1
STD USB TYPE B, VERTICAL, SMT, GRD FINGER



TE Part #1375583-4
05 MTE VERTICAL SMT HDR 30 AU



TE Part #121397P043
ES2000-NO.3-B8-0-40MM



TE Part #5103309-2
A/L LOW PRO HDR 14P VERT BLACK

Documents



Product Drawings

02 MTE VERTICAL SMT HDR 30 AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1375583-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1375583-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1375583-1_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English