

104363-6 ✓ ACTIVE

AMPMODU | AMPMODU MTE

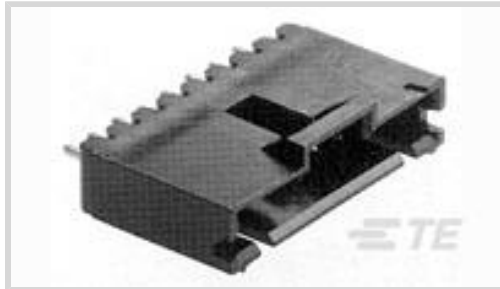
TE Internal #: 104363-6

PCB Mount Header, Vertical, Wire-to-Board, 7 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Gold, Through Hole - Solder, AMPMODU MTE

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: 7

Number of Rows: 1

Centerline (Pitch): **2.54 mm [ .1 in ]**

PCB Mount Orientation: **Vertical**

## Features

### Product Type Features

Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

### Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	7
Number of Rows	1
PCB Mount Orientation	Vertical

### Body Features

Primary Product Color	Black
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### Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 $\mu\text{m}$ [100 – 200 $\mu\text{in}$ ]
Contact Mating Area Plating Material Thickness	.381 $\mu\text{m}$ [15 $\mu\text{in}$ ]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright



Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

#### Termination Features

Termination Post & Tail Length	3.3 mm[.13 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

#### Mechanical Attachment

Mating Alignment Type	Latched, Polarization
Mating Retention	With
Panel Mount Feature	Without
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

#### Housing Features

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

#### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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#### Usage Conditions

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

#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Quantity	104
Packaging Type	Tube



## Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

 <p>TE Part # 103957-6 2X7 MTE RCPT SR LATCH .100CL</p>	 <p>TE Part # 103960-6 2X7 MTE RCPT SR LATCH .100CL</p>	 <p>TE Part # 91417-1 TOOL, KEYING (AMPMODU MTE)</p>
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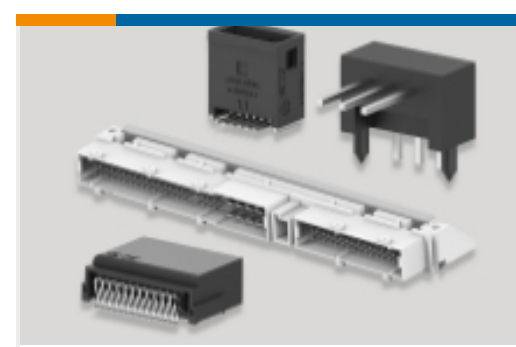
## Also in the Series | AMPMODU MTE



Insertion &amp; Extraction Tools(2)



PCB Connector Shrouds(40)



PCB Headers &amp; Receptacles(763)



Ribbon Connector Accessories(1)



Standard Rectangular Connectors(2)

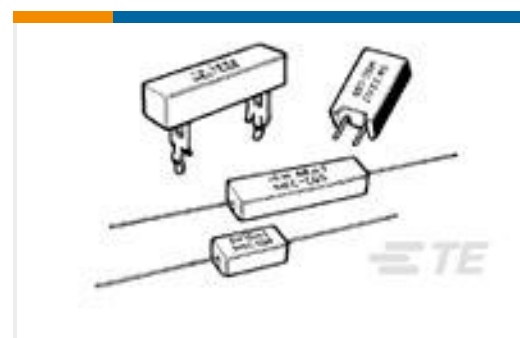
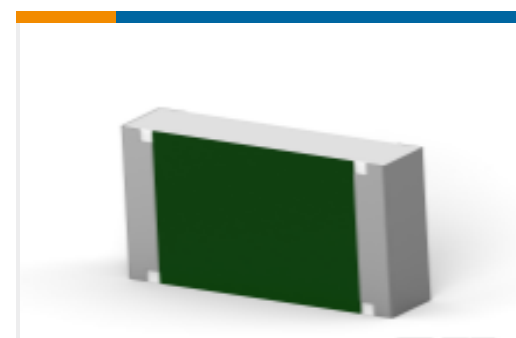
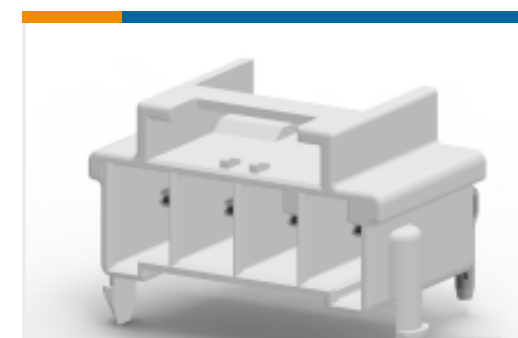


Wire-to-Board Connector Assemblies &amp; Housings(585)



Wire-to-Board Connector Contacts(32)

## Customers Also Bought

TE Part #2-1623795-3  
SQP2 R047 5% WIRETE Part #1-1630019-4  
HSC200 2K4 5%TE Part #9-2176397-4  
3502 7K5 1%TE Part #1-1969694-4  
PTL 1X4 PCB HEADER R/A HITEMP  
KEY A LGRTE Part #YD369-B99-AP400000  
Rectangular Connectors, 9 Way Panel  
MountTE Part #YDTS24T15-18PNV001  
RECP ASSYTE Part #YDTS24T21-35SNV001  
RECP ASSYTE Part #YACT24ME35PNV00100  
JAM NUT RECEPTACLE

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_104363-6\\_W.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_104363-6\\_W.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_104363-6\\_W.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English