

5-1375582-7 ✓ ACTIVE

[AMPMODU](#) | [AMPMODU MTE](#)

TE Internal #: 5-1375582-7

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Surface Mount, Signal, Black, AMPMODU MTE

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	8
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
-----------------------	-------

Contact Features

Contact Mating Area Plating Material Thickness	.381 μm [15 μin]
--	---

Mating Square Post Dimension	.64 mm[.025 in]
------------------------------	-----------------

Contact Shape & Form	Square
----------------------	--------

Contact Base Material	Brass
-----------------------	-------

PCB Contact Termination Area Plating Material	Tin
---	-----

Contact Mating Area Plating Material	Gold
--------------------------------------	------

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]
-----------------------------	------------------

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	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
------------------	-------------

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: JUNE 2024 (241) 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 # 5-103960-7
2X8 MTE RCPT SR LATCH .100CL



TE Part # 5-103957-7
2X8 MTE RCPT SR LATCH .100CL

Also in the Series | **AMPMODU MTE**



Connector Caps & Covers(18)



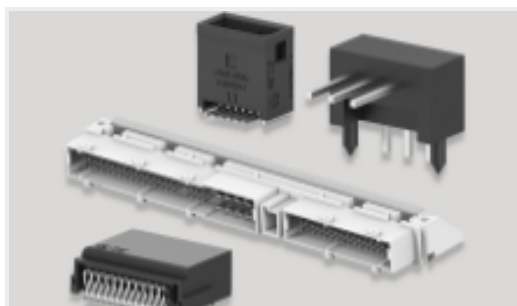
Connector Contacts(27)



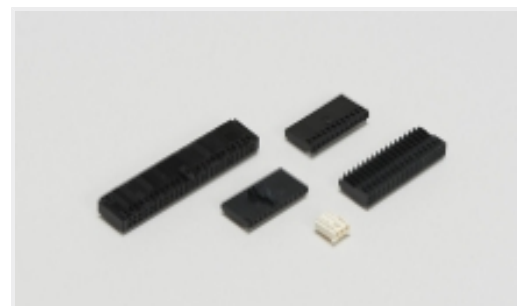
Connector Hardware(1)



Insertion & Extraction Tools(1)

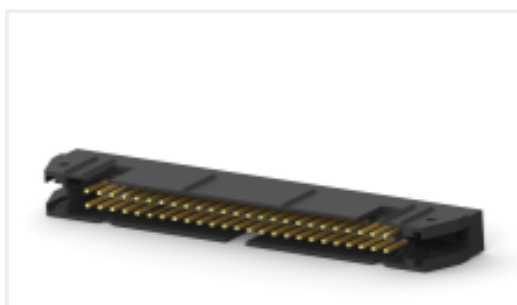


PCB Headers & Receptacles(444)



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

Customers Also Bought



TE Part #1-5499160-0
AMP-LATCH UNIVERSAL HEADERS



TE Part #1-1462037-4
IM03GR=IM RELAY 140mW 5V



TE Part #1-1609034-9
20VSB1=F8333



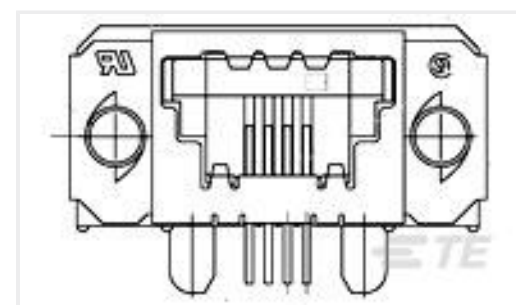
TE Part #5-1375582-4
05 MTE VERTICAL SMT HDR 15 AU



TE Part #4-794619-0
10P MICRO MNL ASSY,R/A,HDR LF



TE Part #4-794619-6
16P MICRO MNL ASSY,R/A,HDR LF



TE Part #5-1761185-1
4 SDL SE GRND RCPT ASSY



TE Part #2-1445088-9
MICRO MNL HDR ASSY S/ROW AU LF



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1375582-7_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1375582-7_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1375582-7_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