5-104809-1 ✔ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 5-104809-1

PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, AMPMODU MTE

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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**

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

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

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

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Shape & Form	Square
Contact Mating Area Length	5.84 mm[.23 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.3 mm[.13 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.59 mm[.535 in]
Connector Length	7.62 mm[.3 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	70
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 5-103960-1
10X2 MTE RCPT SR LATCH .100CL



TE Part # 5-103969-1
10X2 MTE RCPT SR RIBBED .100CL



TE Part # 5-103957-1
10X2 MTE RCPT SR LATCH .100CL

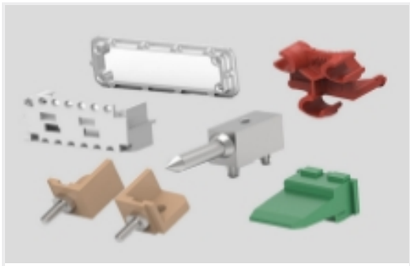
Also in the Series | AMPMODU MTE



Connector Caps & Covers(18)



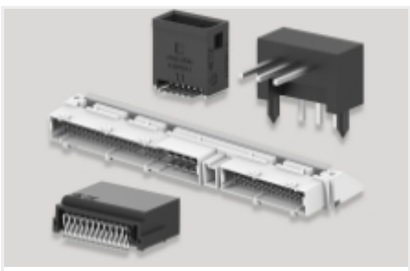
Connector Contacts(19)



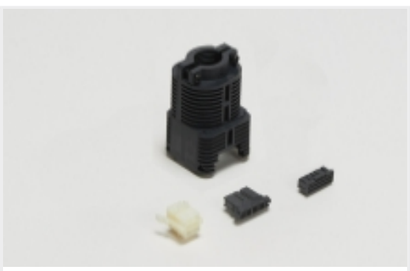
Connector Hardware(1)



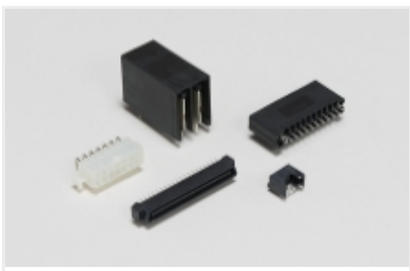
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(330)



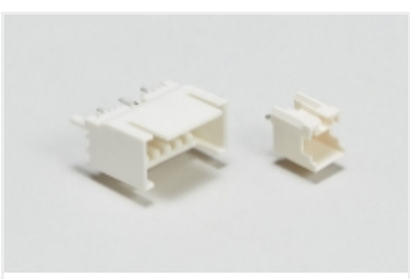
Rectangular Connector Housings(66)



Standard Rectangular Connectors(201)



Wire-to-Board Connector Assemblies & Housings(201)

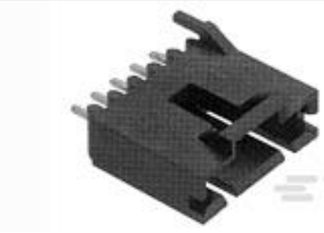


Wire-to-Board Headers & Receptacles (330)

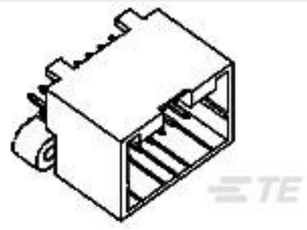
Customers Also Bought



TE Part #NB46442001
TAT-125-3/8-0-STK-CS34568



TE Part #5-104809-3
04 MTE HDR SRST LATCH W/HLDWN



TE Part #174975-2
040 MLC CAP ASSY V 16P



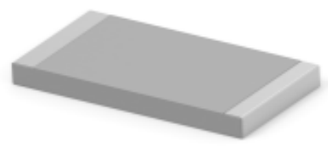
TE Part #350550-3
UMNL SOK 20-14 PTPPHBZ L/P



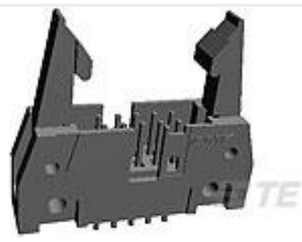
TE Part #3-647166-2
2P MTA100 HDR ASSY,SM,FL,LF



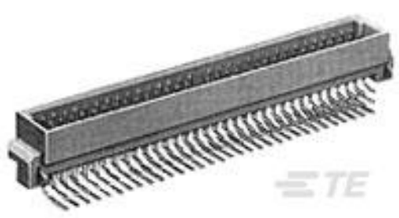
TE Part #4-2176328-4
CRGP 1206 39K 1%



TE Part #1-2176331-3
CRGP 2512 100R 1%



TE Part #5499922-6
A/L UNIV HDR 26P VERT LAT



TE Part #5650916-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part #L9000031-01
Antenna 1/2 Wave Swivel 2.4GHz RPS

Documents

Product Drawings

02 MTE HDR SRST LATCH W/HLDWN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-104809-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-104809-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-104809-1_R.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Engineering Report

Japanese

ENGINEERING REPORT CONTACT RETENTION SUMMARY, AMPMODU MTE CONNECTOR

English

Engineering Report

English