5-103904-6 ✔ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 5-103904-6

PCB Mount Header, Right Angle, Wire-to-Board, 7 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Signal, 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: **Right Angle**

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

Number of Positions	7
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

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 Length	5.84 mm[.23 in]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Thickness	.381 µm[30 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
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 Post & Tail Length	3.3 mm[.13 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Latched, Polarization
Mating Retention	With
PCB Mount Retention Type	Hold-Down
Mating Retention Type	Hold-Down
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

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

Dimensions

Connector Length	20.32 mm[.8 in]
Connector Height	6.99 mm[.275 in]

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

Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	26
Packaging Method	Box, Tube

Product Compliance

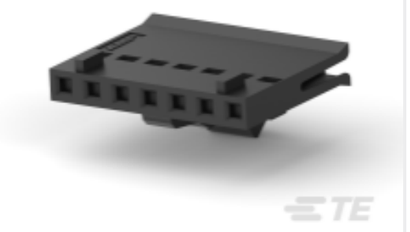
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 487526-6
007 HOUSING FFC RCPT 100CL SR

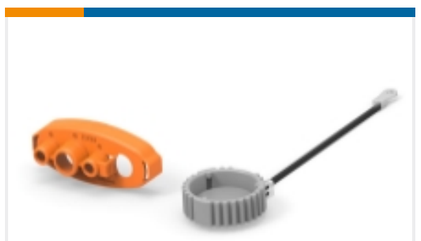


TE Part # 5-103958-6
2X7 MTE RCPT SR LATCH .100CL



TE Part # 5-103961-6
2X7 MTE RCPT SR LATCH .100CL

Also in the Series | AMPMODU MTE



Connector Caps & Covers(40)



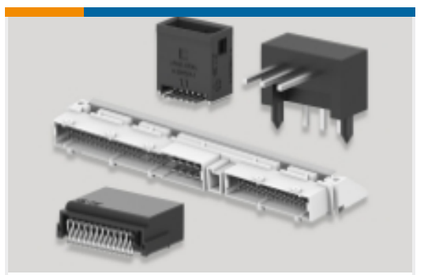
Connector Contacts(32)



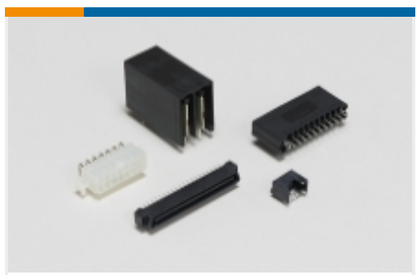
Connector Hardware(1)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(763)

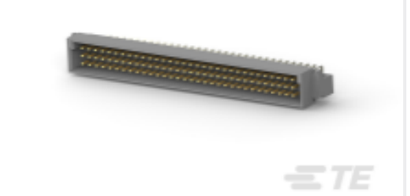


Standard Rectangular Connectors(2)



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

Customers Also Bought



TE Part #650473-5
096 EURO TYPE C PIN ST ASSY



TE Part #5179029-5
0.8FH,P06H.5,120,08/Sn,TU



TE Part #5-104361-4
05 MTE HDR SRRA LATCH W/HLDWN



TE Part #1757823-9
AMPLIMITE,ASY,PLUG,STD,90,ZN,3,CT



TE Part #324043
TERMINAL,T-N R 8 10



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



TE Part #5-103957-4
4X5 MTE RCPT SR LATCH .100CL



TE Part #ZPF000000000000807
047-1024-20

TE Part #114133-E
ERMB19 95 FS 1 EE * 3,70 A-E V-V * * 247

Documents

Product Drawings

07 MTE HDR SRRA LATCH W/HLDWN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-103904-6_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-103904-6_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-103904-6_AD.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2380312-2 ROX05SJ18R 1969656-1 936348-1 1-962915-1 1393431-1 2005330-1 CPF0402B37K4E1 1-794222-0 2834055-1 SBCHE64R7K 2-292161-3 3631B101LL RH73H2A40MKTN U5254-000005-030PA MPT100C18RF 141991-2 175977-2 1903112-2 2310537-1 650075-000 CRGCQ2010J3K3 TE50BR39J 1743455-2 3430B2F51RTDF 917696-1 SBCHE154R7K SMW73R0JT 2377783-2 3-1393225-0