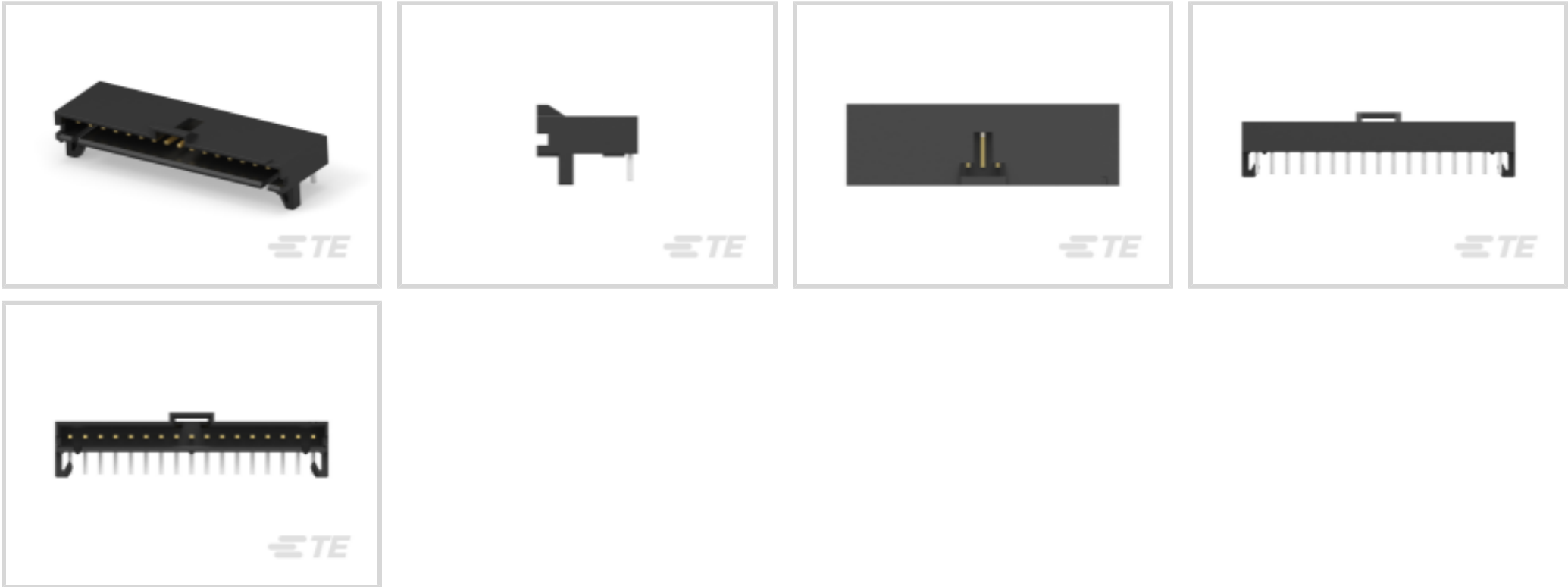




Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **17**

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	17
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
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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[15 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
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

Square Termination Post & Tail Dimension	.64 mm[.025 in]
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
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	45.72 mm[1.8 in]
Connector Height	6.99 mm[.275 in]



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

Operating Temperature Range	-65 - 105 °C[-85 - 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	11
Packaging Method	Box, 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	Compliant with Exemptions
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: 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	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 # 1-487526-6
017 HOUSING FFC RCPT 100CL SR

TE Part # 1-103644-6
17 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)

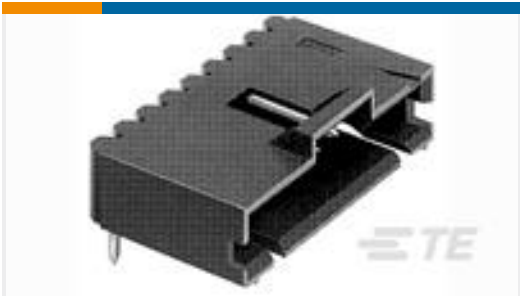
Customers Also Bought

TE Part # 1-499252-3
064 STRAIN RELIEF A-L RCPT

TE Part # 1-487547-1
FFC,RCPT CONTACT,.050" CNTRLIN

TE Part # 1-1658621-2
64 NOVO MIL/CTR 15DP,LEAD FREE

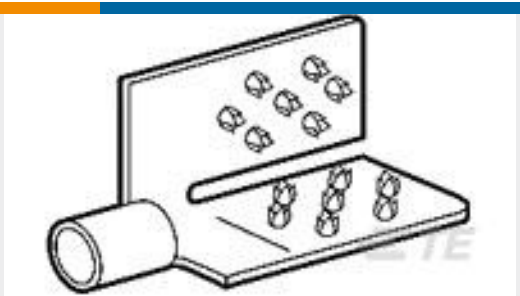
TE Part # 5-103957-6
2X7 MTE RCPT SR LATCH .100CL



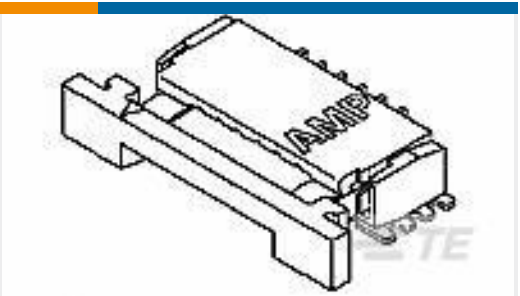
TE Part # 5-104935-5
02 MTE HDR SRRA LATCH



TE Part # 1909763-1
UMCC MICRO-COAX RECPT GEN 1
HIGHER LEVEL



TE Part # 52195
TERMINAL,TERMI-FOIL 16-14



TE Part # 84952-8
1MM FPC HORZ.BTTM CONT.ASS.8P



TE Part # 1-487544-2
015 HOUSING FFC RCPT 050CL SR



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

Documents

Product Drawings

17 MTE HDR SRRA LATCH W/HLDWN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-103673-6_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-103673-6_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-103673-6_AH.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

1-103673-6

PCB Mount Header, Right Angle, Wire-to-Board, 17 Position, 2.54 mm [.1 in]
Centerline, Fully Shrouded, Gold, Through Hole - Solder, AMPMODU MTE



English