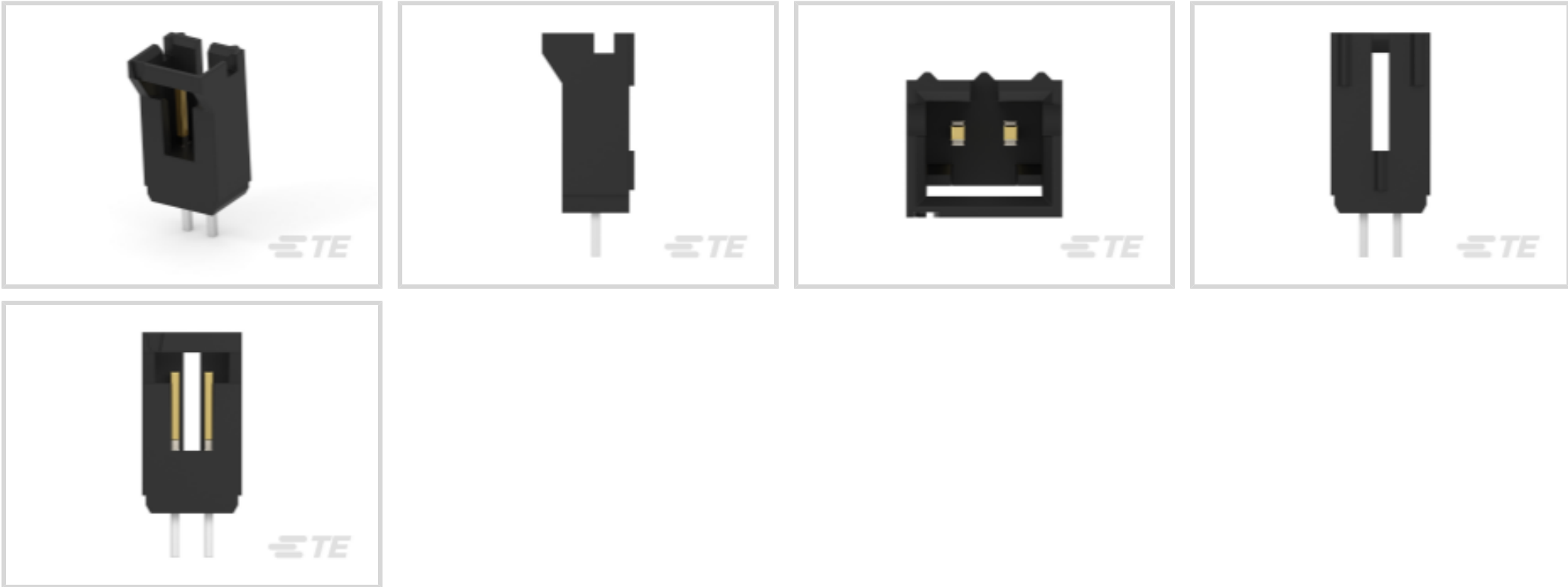




Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **2**

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

Number of Positions	2
Number of Rows	1
PCB Mount Orientation	Vertical

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 – 5.08 µm[100 – 200 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-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 PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Latched, Polarization
Mating Retention	With
PCB Mount Retention Type	Swaged Retention Tails
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	7.62 mm[.3 in]
Connector Height	13.59 mm[.535 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	70
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

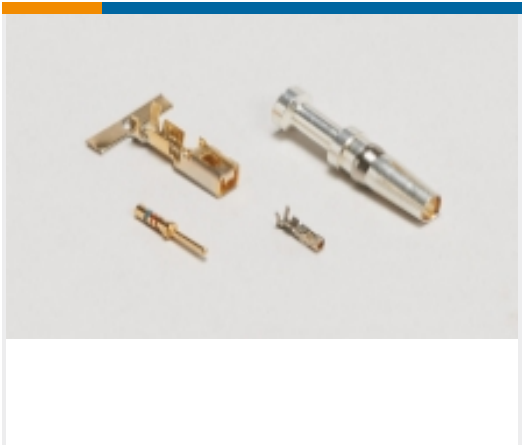


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 487526-1 002 HOUSING FFC RCPT 100CL SR	 TE Part # 103958-1 10X2 MTE RPT SR LATCH .100CL	 TE Part # 103970-1 10X2 MTE RCPT SR RIBBED .100CL	 TE Part # 103961-1 10X2 MTE RCPT SR LATCH .100CL
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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 #5787686-1 37 PLUG SP/FMS (RET SL)	 TE Part #5787169-7 68 50SR R/A RCPT ASSY,RDSN L/F	 TE Part #3-641208-2 02P MTA156 HDR ASSY FL ST LF	 TE Part #3-1393159-6 20C250=SPRING,HOLD-DOWN,R10,.0
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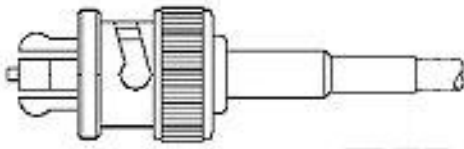




TE Part #1-1393766-4
R10-E1X4-V185=R10



TE Part #5535098-5
ASSEMBLY,RECEPTACLE,EUROCARD,
T



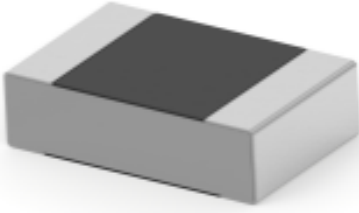
TE Part #5051426-2
SAFE HIGH VOLTAGE PLUG



TE Part #5510310004
PD-CAP-3/16-0



TE Part #CONMCX001
MCX Jack 50 Ohm PCB Through Hole



TE Part #2-2176238-0
CPF A 0805 120R 0.1% 25PPM 5K RL

Documents

Product Drawings
02 MTE HDR SRST LATCH W/HLDWN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_103908-1_U.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_103908-1_U.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_103908-1_U.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.)

103908-1

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



English