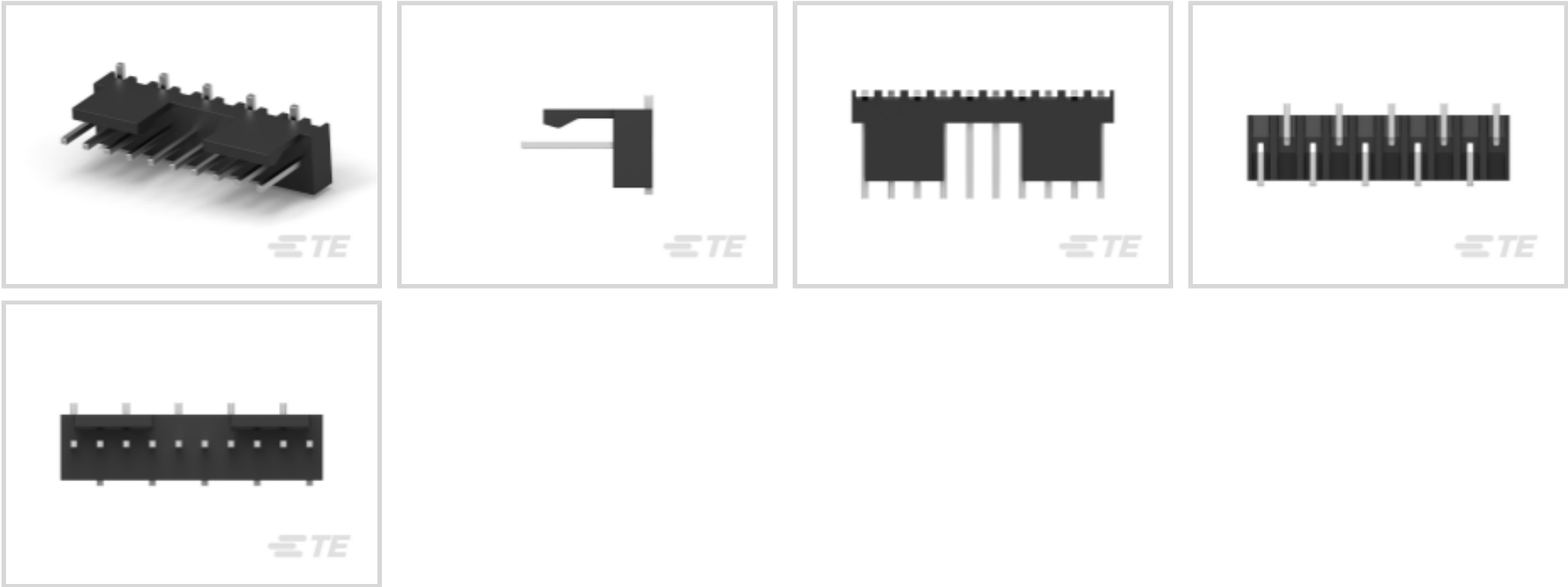




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

Contact Underplating Material	Nickel
-------------------------------	--------



Contact Underplating Material Thickness	1.27 μm[50 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.81 μm[150 μin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.3 μm[150 – 250 μin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	7.37 mm[.29 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Friction Lock
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Connector Width	6.35 mm[.25 in]
PCB Thickness (Recommended)	.25 mm[.01 in]



Connector Height	10.66 mm[.42 in]
Connector Length	25.4 mm[1 in]

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

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

Packaging Features

Packaging Quantity	225
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) 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	Not reviewed for solder process capability

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>



Customers Also Bought




TE Part #T4161120008-001  
RPC-M12-MS-8CON-PUR-0.5SH




ANVIL  
REPRESENTATION ONLY

TE Part #808025-3  
ANVIL, SAND BLASTED




CRIMPER  
REPRESENTATION ONLY


TE Part #1803130-1  
CRIMPER, INSULATION, FASTON




TE Part #7-2151204-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F145O




TE Part #8-1393252-6  
W67-X2Q52-30=M6/M7/M9/W6/W7



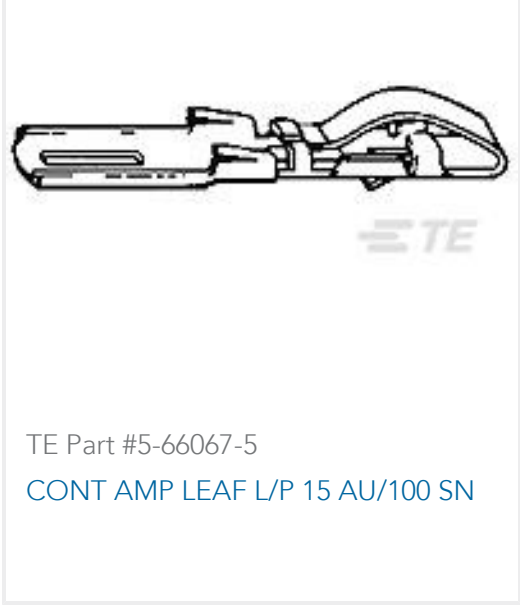
TE Part #7-1393116-8  
KUMP-11D58-24=KU




TE Part #1393117-2  
KUMP-7D58-36=KU



TE Part #9-1393116-9  
KUMP-7D58-12=KU



TE Part #5-66067-5  
CONT AMP LEAF L/P 15 AU/100 SN



TE Part #5500852001  
SCL-1/2-2-STK

Documents

Product Drawings

MTA-100 HDR ASSY, SURFACE MOUNT, FRICTIO

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2297127-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2297127-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2297127-1\_A.3d\_stp.zip

English

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



Product Specifications

Application Specification

English