



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**

Number of Rows: **1**

Features

Product Type Features

Connector Shape	Rectangular
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

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

Electrical Characteristics

Operating Voltage	60 VDC
-------------------	--------



Body Features

Connector & Keying Code	B
Primary Product Color	White

Contact Features

Contact Shape & Form	Rectangular
Mating Tab Thickness	.4 mm[.016 in]
Mating Tab Width	.5 mm[.019 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder
---------------------------	-----------------------

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]
--------------------	-----------------

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94HB
------------------------	---------

Packaging Features

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: 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	Not reviewed for solder process capability

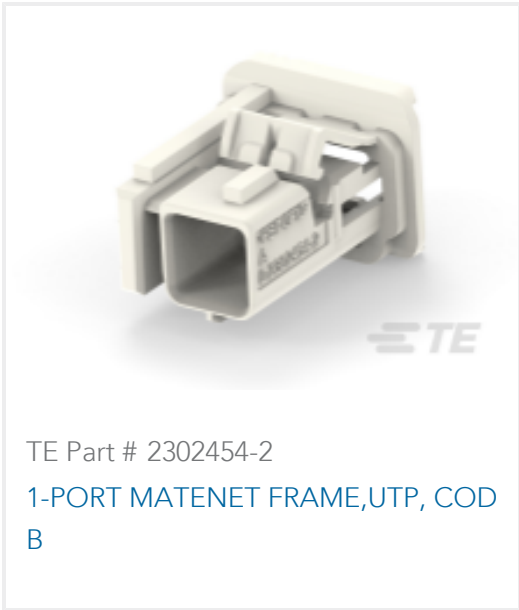
Product Compliance Disclaimer

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>


Compatible Parts



TE Part # 2328991-9  
MATENET 1PORT PLUG HSG



TE Part # 2302454-2  
1-PORT MATENET FRAME,UTP, COD B



TE Part # 2302510-2  
1-PORT MATENET FRAME,STP, COD B

Customers Also Bought



TE Part #1-2415723-1  
MATENET 1P 90DEG SEALED HEADER, COD A



TE Part #1-1318384-3  
025 CAP HSG ASSY 40P



TE Part #2322946-2  
6POS,TAB0.63X0.63,HDR ASSY,90DEG



TE Part #2323854-4  
TAB0.63X0.63,MS



TE Part #8-963964-4  
ACTION PIN FOR 1 mm HOLE

TE Part #2323881-2  
TAB1.2X0.6,MS

TE Part #2322946-1  
6POS,TAB0.63X0.63,HDR ASSY,90DEG

TE Part #CAT-SIGH262  
Signal Header

TE Part #6-1414920-1  
V23086R2801A403-EV-CBOX

Documents

Product Drawings

1-PORT MATENET HDR ASSY 180DEG, COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2308956-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2308956-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2308956-2\_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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2308956-2](#)