

2331450-4 ✓ ACTIVE



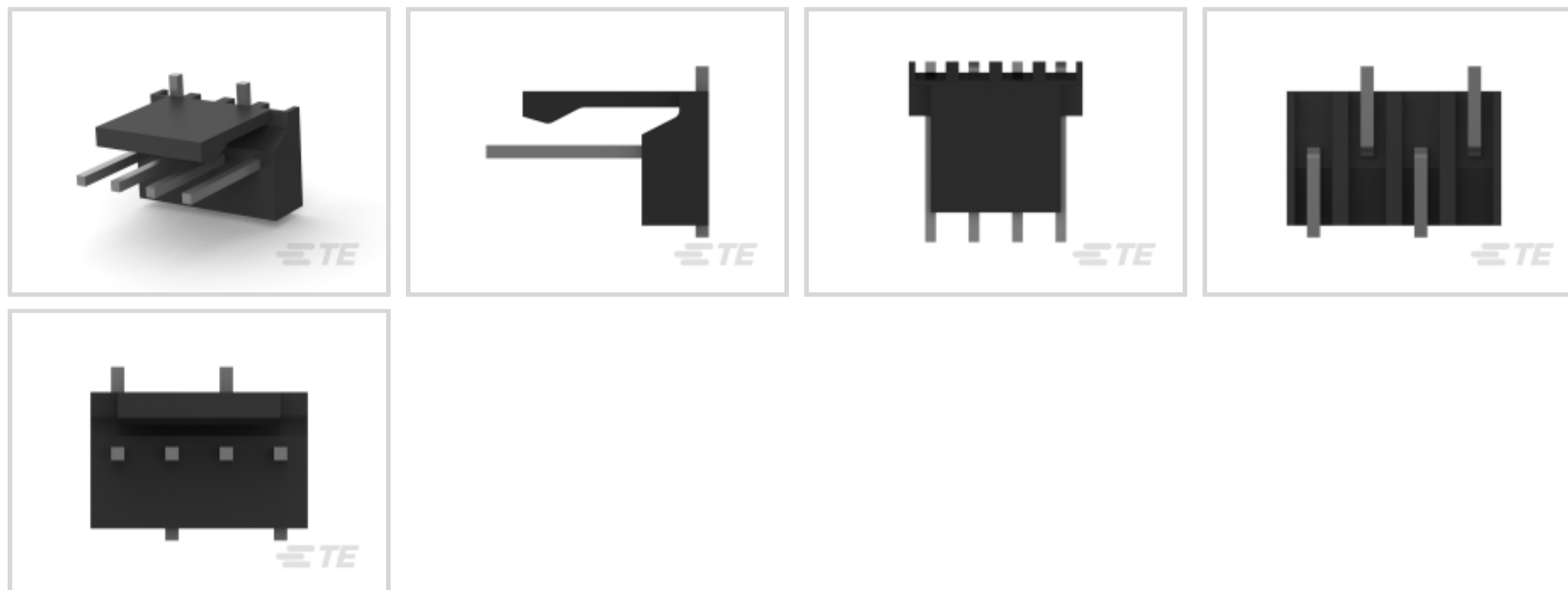
MTA 100

TE Internal #: 2331450-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, Surface Mount, Signal, Black, MTA 100

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100



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

Number of Positions: **4**

Number of Rows: **1**

Centerline (Pitch): **2.54 mm [.1 in]**

PCB Mount Orientation: **Vertical**

[All Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100 \(39\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

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

Body Features



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

Contact Features

Contact Mating Area Plating Material Thickness	3.81 μm [150 μin]
--	--

Contact Mating Area Plating Material Finish	Matte
---	-------

Contact Mating Area Plating Material	Tin
--------------------------------------	-----

Contact Type	Pin
--------------	-----

Contact Current Rating (Max)	5 A
------------------------------	-----

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
---	---------------

Mechanical Attachment

Mating Alignment Type	Polarization
-----------------------	--------------

Mating Retention	With
------------------	------

Mating Alignment	With
------------------	------

PCB Mount Alignment	Without
---------------------	---------

PCB Mount Retention	Without
---------------------	---------

Housing Features

Housing Material	Nylon 4/6
------------------	-----------

Centerline (Pitch)	2.54 mm[.1 in]
--------------------	----------------

Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
-----------------------------	--

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	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

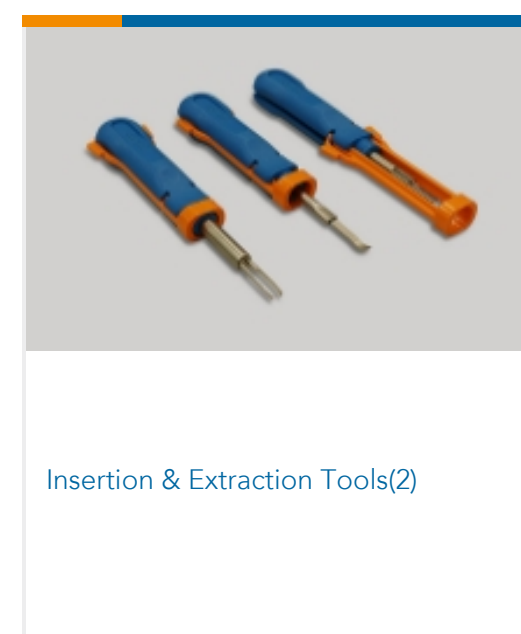
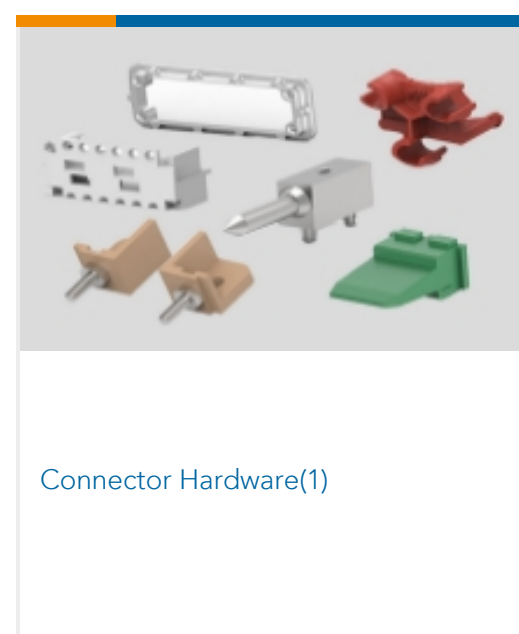
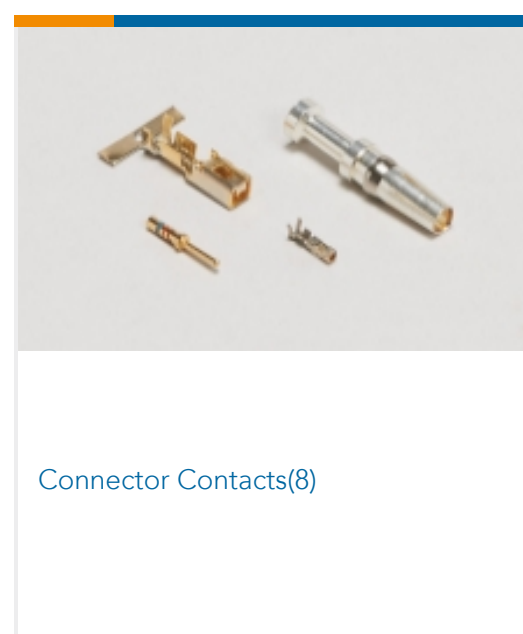
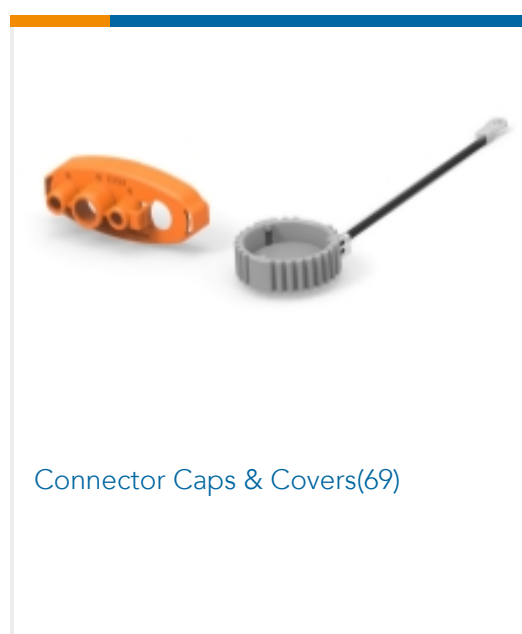
Product Compliance Disclaimer

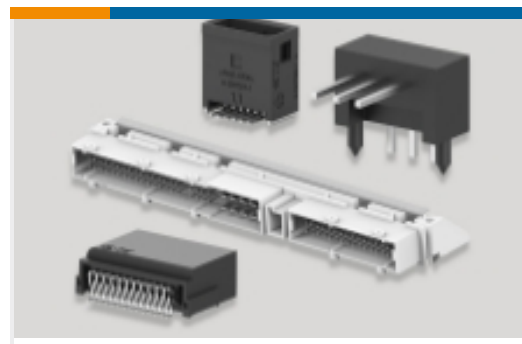
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | MTA 100

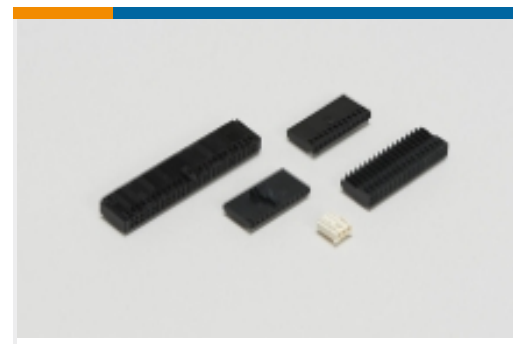




PCB Headers & Receptacles(440)

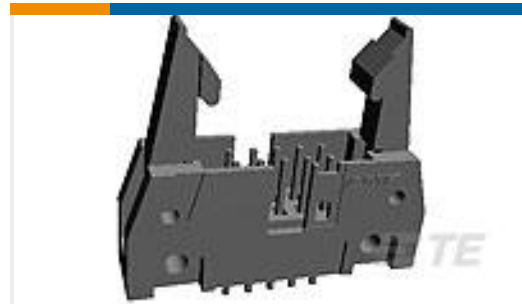
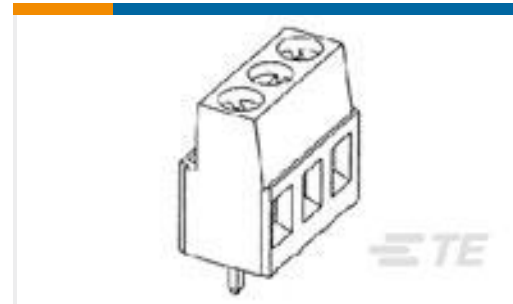
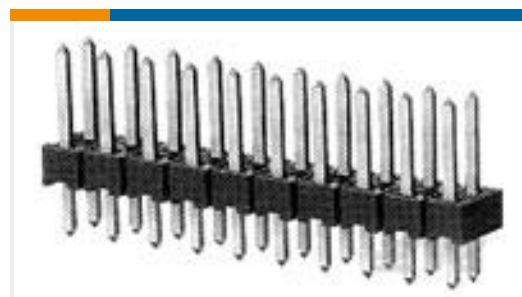
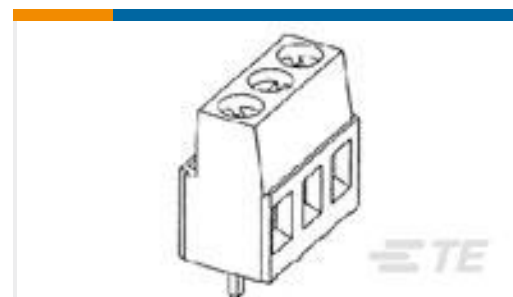
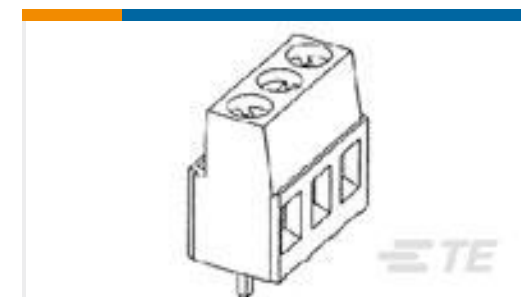


Standard Rectangular Connectors(495)



Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought

TE Part #5499922-9
A/L UNIV HDR 40P VERT LG LATTE Part #3-644456-2
Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100TE Part #282841-2
TERMI-BLOK PCB MOUNT 2P. 5TE Part #5535090-5
ASSEMBLY,RECEPTACLE,EUROCARD, TTE Part #5-146261-5
10 MODII HDR DRST B/A .100CLTE Part #6116526-1
MJ ASSY,8POS,R/A,SHLD,CAT5eTE Part #796949-2
TERMI-BLOK PCB MOUNT 2P. 5TE Part #796949-3
3 POS TERMI-BLOK PCB MOUNT

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2331450-4_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2331450-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2331450-4_C.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

2331450-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.54 mm [.1 in] Centerline,
Partially Shrouded, Tin, Surface Mount, Signal, Black, MTA 100

