2-644486-3 <

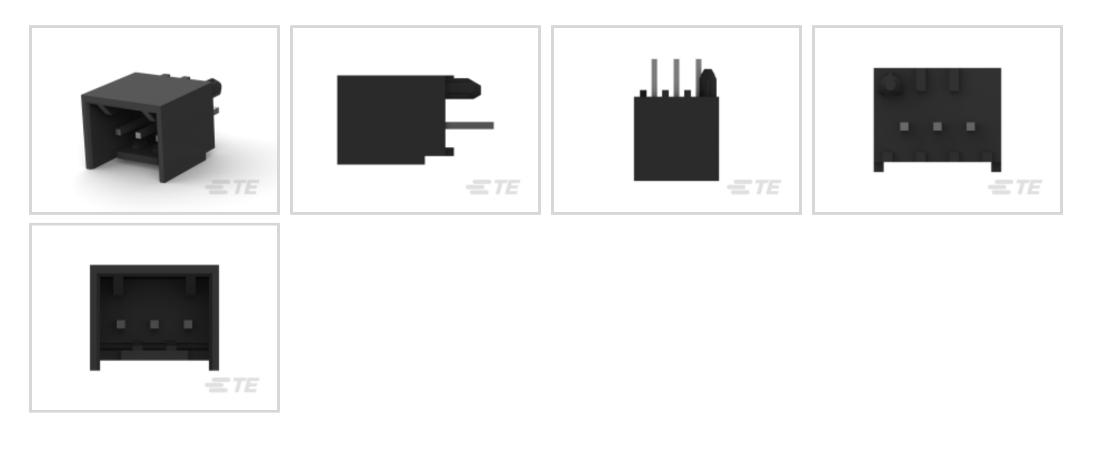
MTA 100

TE Internal #: 2-644486-3 PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MTA 100

View on TE.com >

E T E connectivity

Connectors > PCB Connectors > PCB Headers & Receptacles > Polyester Vertical PCB Header: 2.54mm, Shrouded, MTA 100



Connector System: Wire-to-Board Number of Positions: **3**

Number of Rows: 1

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

PCB Mount Orientation: Vertical

All Polyester Vertical PCB Header: 2.54mm, Shrouded, MTA 100 (57)

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	3	
Number of Rows	1	
PCB Mount Orientation	Vertical	
Electrical Characteristics		
Operating Voltage	250 VAC	
Body Features		

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MTA 100



Primary Product Color	Black
Contact Features	
Contact Layout	Inline
Contact Mating Area Length	5.1 mm[.2 in]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.3 μm[150 – 250 μin]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	3.81 – 6.3 μm[150 – 250 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]		
Termination Post & Tail Length	3.56 mm[.14 in]		
Termination Method to Printed Circuit Board	Through Hole - Solder		
Mechanical Attachment			
PCB Mount Alignment Type	Peg		
Mating Alignment Type	Polarization		
Mating Retention	With		
Panel Mount Feature	Without		
PCB Mount Retention Type	Tab		
Mating Retention Type	Friction Lock		
Connector Mounting Type	Board Mount		
Mating Alignment	With		
PCB Mount Alignment	With		
PCB Mount Retention	With		
Housing Features			

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PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MTA 100



Housing Material	Polyester - GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Length	12.29 mm[.484 in]
Connector Height	10.41 mm[.41 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
CSA Rating	Certified
Agency/Standard	CSA, UL
Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	

Packaging (
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Packaging Type

500

Bag, Box

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

Product Compliance Disclaimer

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MTA 100

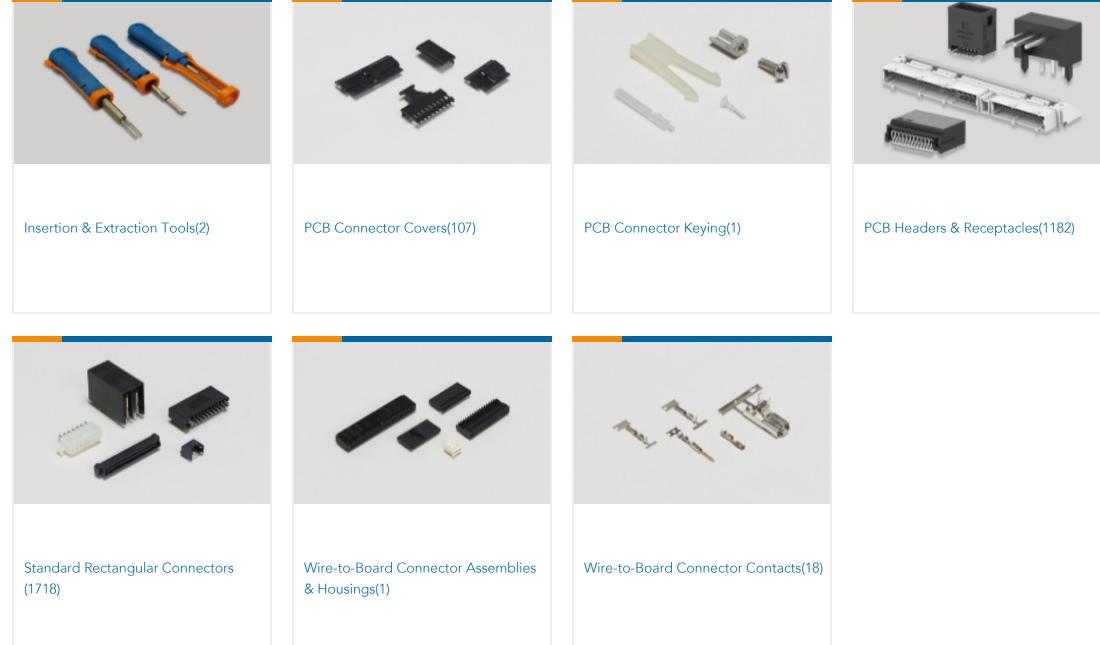


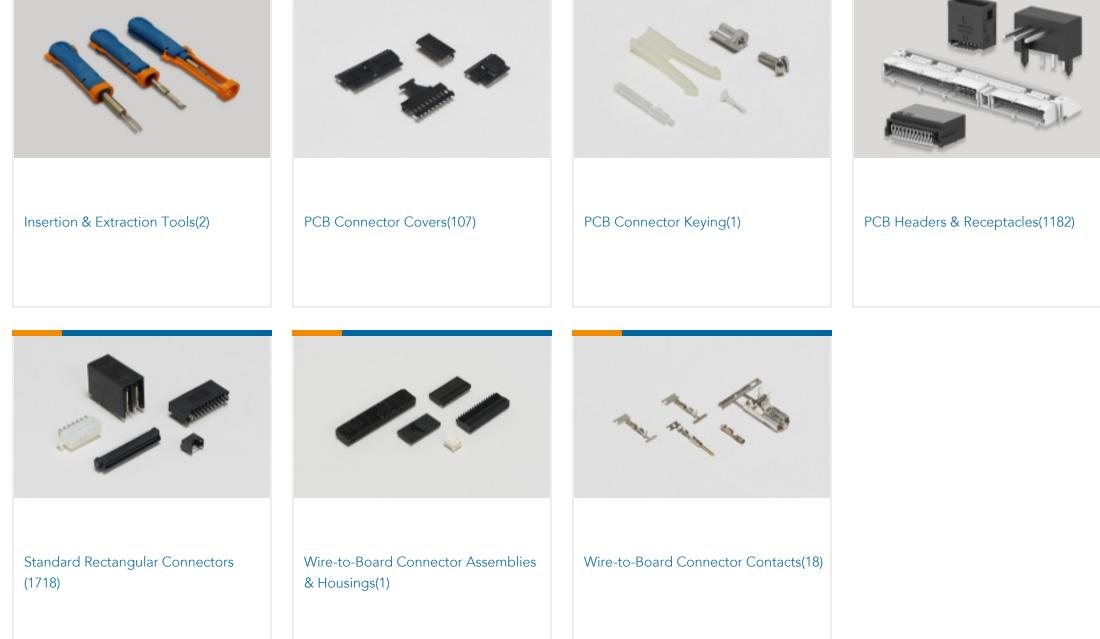
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

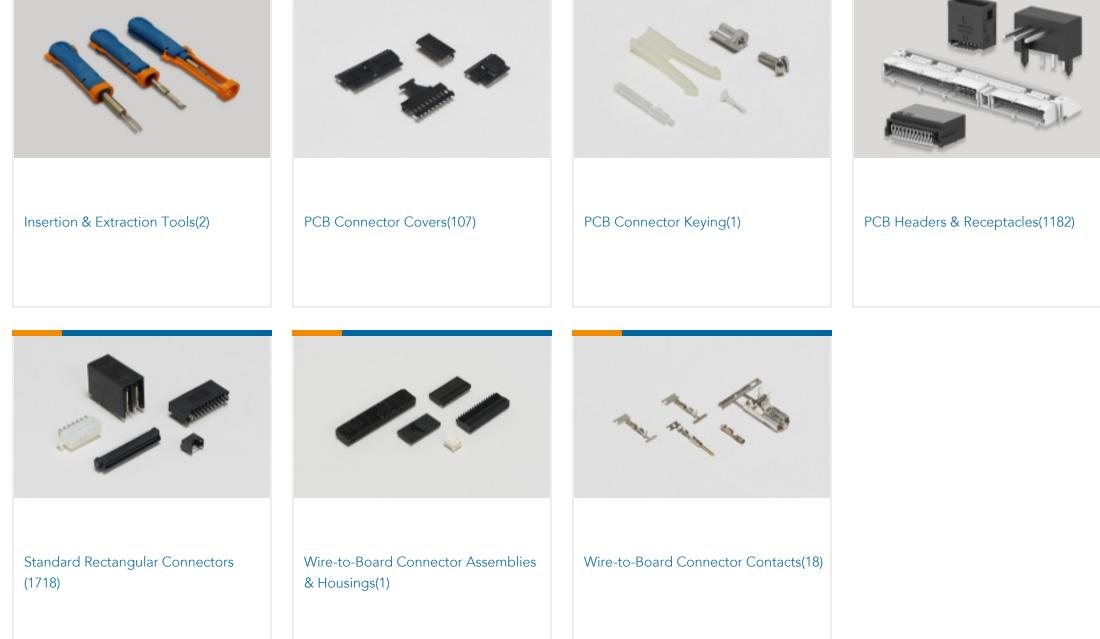
Compatible Parts

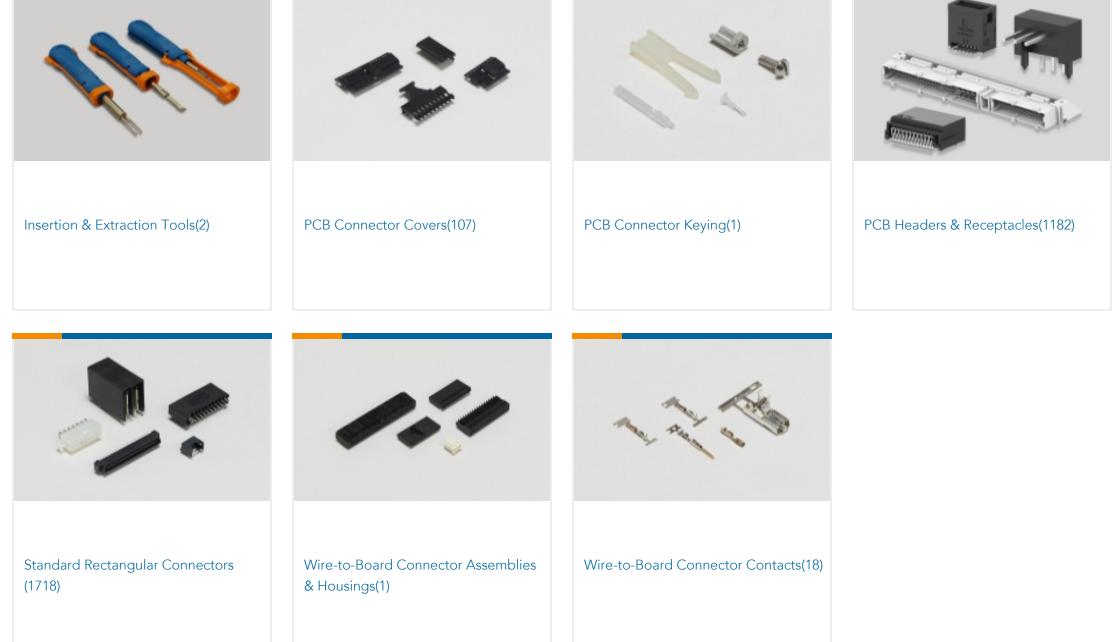


Also in the Series MTA 100









Customers Also Bought

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MTA 100







Documents

Product Drawings 03P MTA100 SHRDED HDR ASSY SN

English

CAD Files 3D PDF

3D

Customer View Model ENG_CVM_CVM_2-644486-3_J_c-2-644486-3-j.2d_dxf.zip

English

Customer View Model

```
ENG_CVM_CVM_2-644486-3_J_c-2-644486-3-j.3d_igs.zip
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English

Customer View Model

ENG_CVM_CVM_2-644486-3_J_c-2-644486-3-j.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English

Product Specifications Product Specification

English

Product Environmental Compliance Product Compliance

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MTA 100



English
Product Compliance
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Agency Approvals
CSA Certificate
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