



MTA 100

TE Internal #: 644874-4
PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Signal, MTA 100

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Connectors > PCB Connectors > PCB Headers & Receptacles > PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **1**

[All PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment \(134\)](#)

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Dimensions

Connector Width	5.71 mm[.225 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.03 mm[.395 in]
Connector Length	10.16 mm[.4 in]

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
Compatible With Approved Standards Products	UL E28476, CSA LR7189



UL Flammability Rating	UL 94V-0
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Mechanical Attachment

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

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

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 µm[150 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	7.49 mm[.295 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
Contact Type	Pin
Contact Current Rating (Max)	5 A

Housing Features

Housing Material	Polyester - GF
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Centerline (Pitch)	2.54 mm[.1 in]
Configuration Features	
Number of Columns	4
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1
Product Type Features	
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Body Features	
Primary Product Color	Natural
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
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	Not Low Halogen - contains Br or Cl > 900 ppm.



Solder Process Capability

Hand solderable with tin/lead solder

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



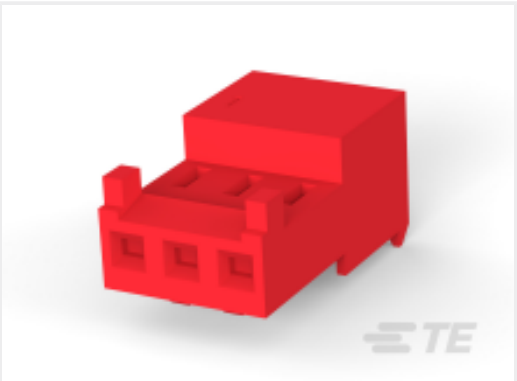
TE Part # 1375820-4
CST-100 II HOUSING 4 POS



TE Part # CAT-104MTA-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100



TE Part # CAT-104MTA-NTPNR
MTA Receptacle: Nylon, Tin Plated, 2.54 mm



TE Part # CAT-104MTA-NTPMR
Nylon Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



TE Part # CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100

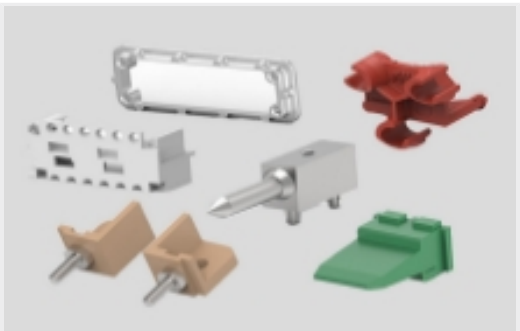
Also in the Series | MTA 100



Connector Caps & Covers(69)



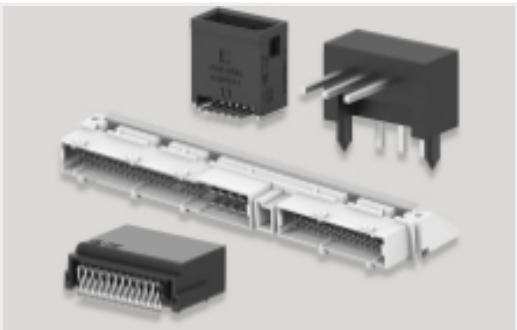
Connector Contacts(8)



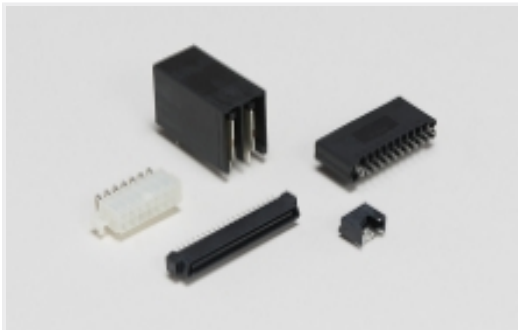
Connector Hardware(1)



Insertion & Extraction Tools(2)



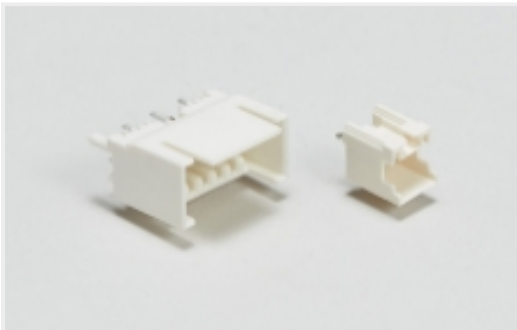
PCB Headers & Receptacles(441)



Standard Rectangular Connectors(495)



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



Wire-to-Board Headers & Receptacles (441)

Customers Also Bought



TE Part #3-644456-6
06P MTA100 HDR ASSY (NARROW)



TE Part #CAT-104MTA-PVUNH
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



TE Part #650138-000
D-436-0098



TE Part #204518-2
RECEPT ASSY,62 POSN,AMPLIMITE



TE Part #CONSMA012-R178
SMA Plug 50 Ohm Cable Crimp



TE Part #2-320568-3
TERMINAL,PIDG R IR 10 8



TE Part #1825002-1
ADF0204=DIP SWT,FLUSH,THRU/HL



TE Part #224394-E
SRCP 1,27 4 F 1 I2426 137 * 162 1,07 TRA



TE Part #284697-E
SRCP 1,27 4 M 1 SMD 137 E1 094 * GU-H *

Documents

Product Drawings
04P MTA100 HDR ASSY,SPCL BEND
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_644874-4_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_644874-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_644874-4_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_644874-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_644874-4_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_644874-4_C.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English