3-647502-4 ✔ ACTIVE

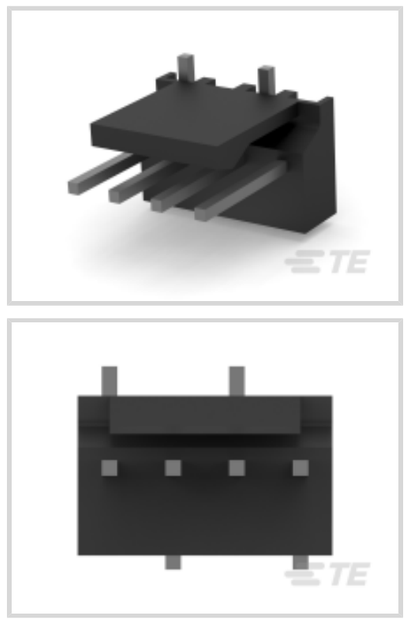
MTA 100

TE Internal #: 3-647502-4

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 > PCB Header: Nylon, Vertical, 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 PCB Header: Nylon, Vertical, 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 Length	7.37 mm[.29 in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Layout	Inline
Contact Mating Area Plating Material Thickness	3.81 – 6.35 µm[150 – 250 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte
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 Method to PCB	Surface Mount

Mechanical Attachment

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

Dimensions

Connector Height	8.81 mm[.34 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

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	Reel

Product Compliance

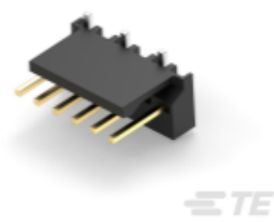
For compliance documentation, visit the product page on TE.com>

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	Reflow solder capable to 260°C

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

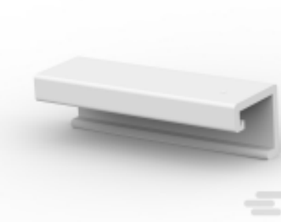
Compatible Parts



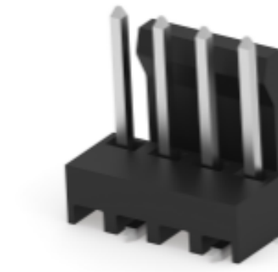
TE Part # CAT-104MTA-NVSMH
PCB Header: Nylon, Vertical, Surface Mount, MTA 100



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



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



TE Part # 1-1744382-4
04P MTA100 HDR ASSY,SM,SN,T&R, W/ CAP,RR

Also in the Series | MTA 100



Connector Caps & Covers(69)



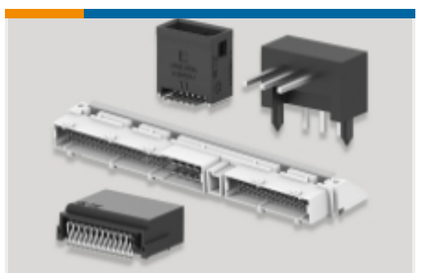
Connector Contacts(8)



Connector Hardware(1)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(441)



Standard Rectangular Connectors(495)

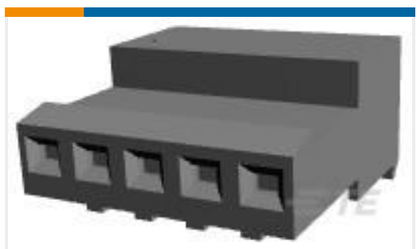


Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



TE Part #3-647166-3
3P MTA100 HDR ASSY,SM,FL,LF



TE Part #3-643498-5
05P MTA100 CONN ASSY LF



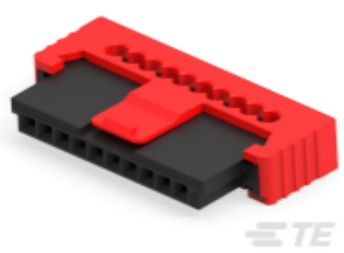
TE Part #170213-1
250 FASTON,REC.,18-14 AWG,BR



TE Part #120955-1
TE UPM R/A Header 5P HC Power, LLLLL



TE Part #234472-E
SRCA 1,27 10 F 1 I2426 137 E1 094 1,07 T



TE Part #464237-E
SRCP 1,27 10 F 1 IDC22 137 E1 162 1,27 T



TE Part #474834-E
SRCP 1,27 10 F 1-KS IDC22 137 E1 162 1,2



TE Part #484084-E
SRCA 1,27 10 F 1-KS IDC22 137 E1 094 1,2



TE Part #CONMCX002
MCX Jack 50 Ohm PCB Through Hole



TE Part #464772-E
SRCROL A 2,54 2 C1820 500 137 * 9999 J 2

Documents

Product Drawings

04P MTA100 HDR ASSY,SM,SN, LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-647502-4_E_c-3-647502-4-e.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-647502-4_E_c-3-647502-4-e.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-647502-4_E_c-3-647502-4-e.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Agency Approvals

Agency Approval Document

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 2310537-1 3-1393225-0 CPF0402B37K4E1 175977-2 1903112-2 650075-000 CRGCQ2010J3K3 RH73H2A40MKTN 1-794222-0 2-292161-3 2377783-2 3631B101LL 936348-1 U5254-000005-030PA 1393431-1 TE50BR39J 2005330-1 MPT100C18RF SBCHE154R7K SBCHE64R7K 2380312-2 1-962915-1 141991-2 2834055-1 917696-1 ROX05SJ18R SMW73R0JT 3430B2F51RTDF 1743455-2