1744214-6 ✔ ACTIVE

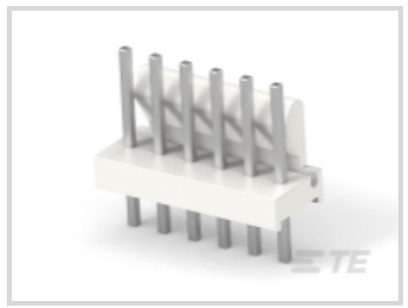
MTA 100

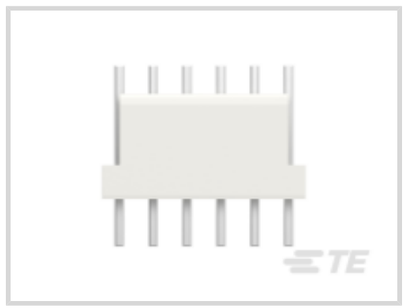
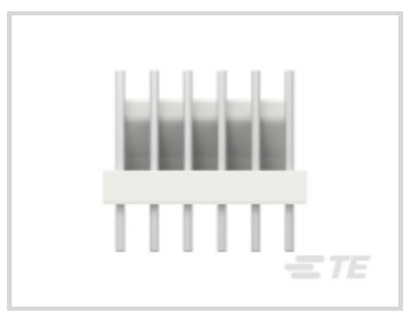
TE Internal #: 1744214-6

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Signal, MTA 100

View on TE.com >

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



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

Number of Positions: **6**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

All PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment (134)

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	6
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Length	7.49 mm[.295 in]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.3 µm[150 – 248.03 µin]
Contact Layout	Inline
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	3.81 – 6.3 µm[150 – 248.03 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 PCB	Through Hole - Solder

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	Thermoplastic Polyester
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

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	5000
Packaging Method	Package

Product Compliance

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

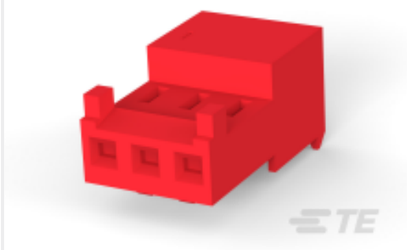
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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-NTPMR
Nylon Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



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



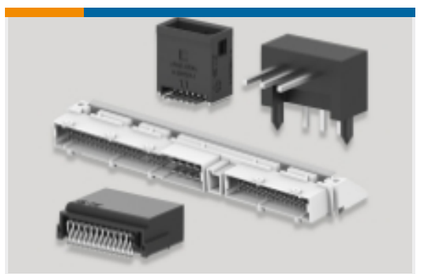
Connector Contacts(8)



Connector Hardware(1)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(441)



Standard Rectangular Connectors(495)



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

Customers Also Bought



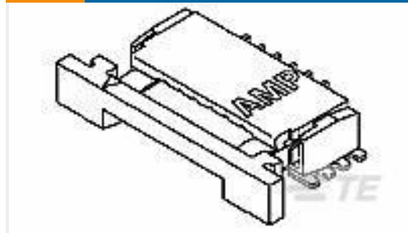
TE Part #5-1462037-4
IM41GR=IM RELAY 100mW 3V BIS



TE Part #TAB62346501-040
M12B2-FS-PUR TORSION-4.0M



TE Part #1-329632-2
LOCKWASHER, PLATED



TE Part #84952-6
1MM FPC HORZ.BTTM CONT.ASS.6P



TE Part #3-644878-6
06P MTA156 ASSY ON TAPE LF



TE Part #2201778-1
MICRO SD PUSH PUSH LOW PROFILE TYPE



TE Part #3-644611-5
05P MTA156 HDR POL WO PEGS LF



TE Part #3-641119-5
05P MTA156 HDR ASSY FL/ST LF



TE Part #3-643191-3
03P MTA156 CONN ASSY H/F 18AWG

Documents

CAD Files

3D PDF

English

Customer View Model
ENG_CVM_1744214-6_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_1744214-6_A.3d_igs.zip

English

Customer View Model
ENG_CVM_1744214-6_A.3d_stp.zip

English

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Product Specifications

Application 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:

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