

MTA 156

TE Internal #: 647581-8

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 3.96 mm [. 156 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder,

Power, MTA 156

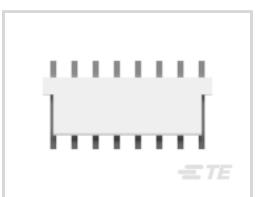
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Connectors > PCB Connectors > PCB Headers & Receptacles











PCB Connector Assembly Type: PCB Mount Header

PCB Mount Orientation: Vertical
Connector System: Wire-to-Board

Number of Positions: 8

Number of Rows: 1

Features

Electrical Characteristics

Operating Voltage	600 VAC
Dimensions	
Connector Width	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	10.79 mm[.425 in]
Connector Length	31.7 mm[1.248 in]
Packaging Features	
Packaging Quantity	500
Packaging Method	Package
Packaging Method Industry Standards	Package
	Package Standard Part - Not Glow Wire

Usage Conditions



Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Mechanical Attachment	
Panel Mount Feature	Without
Mating Retention Type	Friction Lock
Mating Retention	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without
Termination Features	
Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Method to PCB	Through Hole - Solder
Contact Features	
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Size	1.14mm
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	10.16 mm[.4 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	14.24 A
Housing Features	
Mating Entry Location	Тор
Housing Material	Thermoplastic Polyester - Glass-Filled
Centerline (Pitch)	3.96 mm[.156 in]



Configuration Features	
Number of Columns	8
Number of Loaded Positions	8
Number of Power Positions	8
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1
Product Type Features	
Mixed & Hybrid Header	No
Connector Shape	Rectangular
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
Operation/Application	
Circuit Application	Power
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

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























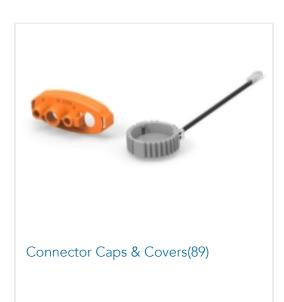








Also in the Series MTA 156









Connector Contacts(4)

Connector Hardware(2)

Power Contacts(3)



Rectangular Power Connectors(331)



Standard Rectangular Connectors(336)



Wire-to-Board Headers & Receptacles (677)

Customers Also Bought

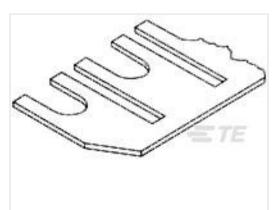


TE Part #CAT-104MTA-NTPMR

Nylon Tin Plated Receptacle: 2.54 mm,
with Mating Alignment, MTA 100



TE Part #147969-4 18/19 MTE HDR SRST LTCH .100CL



TE Part #4-1437644-9 J6-3=J6-XX JUMPER





SDE COMMERCIAL DIE











Documents

Product Drawings

08P MTA156 HDR ASSY FL/VRT SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_647581-8_D_c-647581-8-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_647581-8_D_c-647581-8-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_647581-8_D_c-647581-8-d.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