



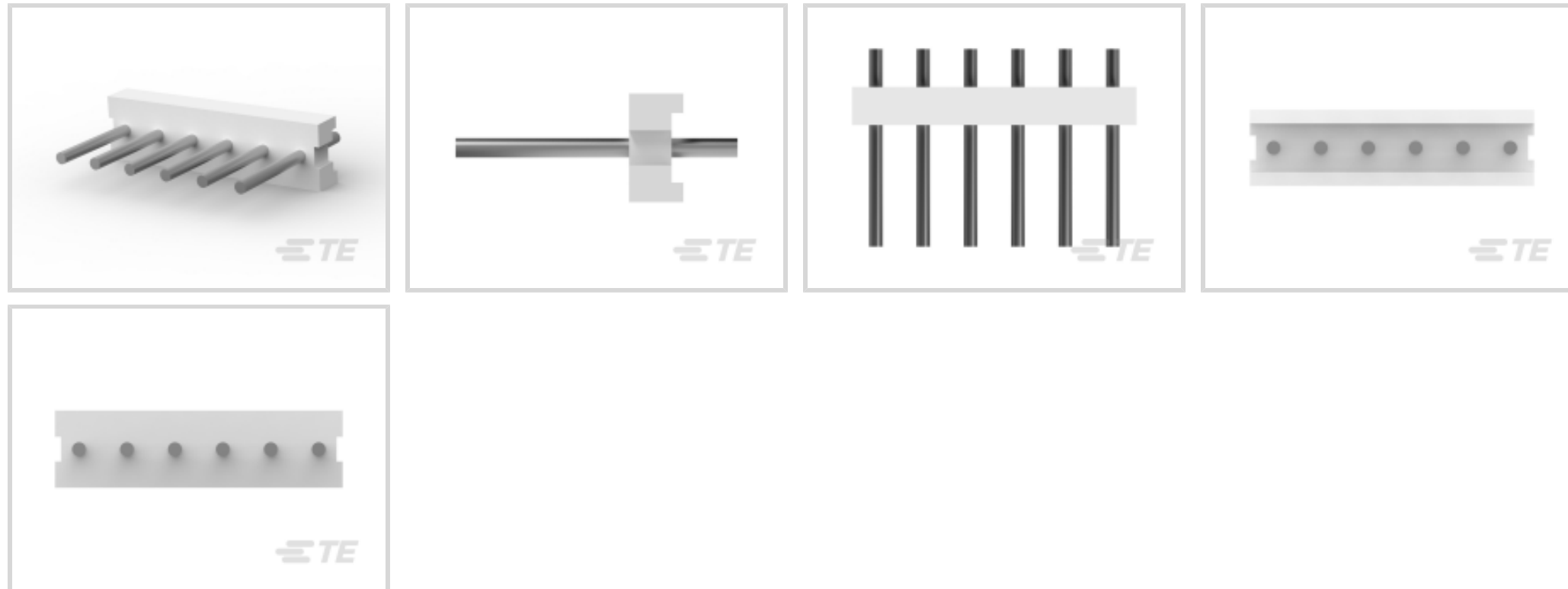
MTA 156

TE Internal #: 640384-6

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 3.96 mm [.156 in] Centerline, Unshrouded, Tin (Sn), Through Hole - Solder, Power, MTA 156

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	6
Number of Loaded Positions	6
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	6



Number of Rows	1
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Number of Power Positions	6
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
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Mating Pin Diameter	1.14 mm[.045 in]
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Contact Underplating Material Thickness	1.27 μ m[50 μ in]
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Contact Size	1.14mm
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PCB Contact Termination Area Plating Material Thickness	2.54 μ m[100 μ in]
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Contact Shape & Form	Round
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Contact Layout	Inline
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Contact Mating Area Length	10.16 mm[.4 in]
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Contact Base Material	Copper Alloy
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Contact Mating Area Plating Material	Tin (Sn)
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Contact Mating Area Plating Material Thickness	2.54 μ m[100 μ in]
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Contact Type	Pin
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Contact Current Rating (Max)	14.24 A
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PCB Contact Termination Area Plating Material	Tin
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Termination Features

Termination Post & Tail Diameter	1.14 mm[.045 in]
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Termination Post & Tail Length	3.18 mm[.125 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
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PCB Mount Alignment	Without
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Mating Retention	Without
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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Mating Alignment	Without
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Housing Features

Mating Entry Location	Top
Centerline (Pitch)	3.96 mm [.156 in]
Housing Material	Thermoplastic Polyester GF

Dimensions

Connector Width	6.35 mm [.25 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]
Connector Height	13.34 mm [.525 in]
Connector Length	23.77 mm [.936 in]

Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part # 640643-6
06P MTA156 COVER F/T



TE Part # 3-640600-6
06P MTA156 CONN ASSY 20AWG LF



TE Part # 3-640428-6
06P MTA156 CONN ASSY 22AWG RED



TE Part # 643071-6
06P MTA156 FD-THRU COVER



TE Part # 640551-6
06P MTA156 COVER



TE Part # 3-640430-6
06P MTA156 CONN ASSY 26AWG BLU



TE Part # 3-640426-6
06P MTA156 CONN ASSY 18AWG ORA



TE Part # 3-640429-6
06P MTA156 CONN ASSY 24AWG WHT



TE Part # 3-640434-6
06P MTA156 CONN ASSY 24AWG WHT



TE Part # 3-643821-6
06P MTA156 CONN ASSY 26AWG LF



TE Part # 3-643818-6
06P MTA156 CONN ASSY 20AWG YEL




TE Part # 3-640431-6
06P MTA156 CONN ASSY 18AWG
ORA



TE Part # 3-643819-6
06P MTA156 CONN ASSY 22AWG RED



TE Part # 643067-6
06P MTA156 MOLDED COVER



TE Part # 3-644860-6
06P MTA156 CONN ASSY 18AWG LF



TE Part # 3-640604-6
06P MTA156 CONN ASSY 18AWG LF



TE Part # 3-640432-6
06P MTA156 CONN ASSY 20AWG YEL




TE Part # 3-640433-6
06P MTA156 CONN ASSY 22AWG RED




TE Part # 3-640601-6
06P MTA156 CONN ASSY 22AWG LF


Also in the Series | MTA 156




Connector Caps & Covers(89)



Connector Contacts(4)




Connector Hardware(2)




Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



Wire-to-Board Connector Assemblies & Housings(594)

Customers Also Bought



TE Part #DT04-3P-E008
REC, 3P, GRY, N, XCAP



TE Part #816977-SF
RT8532-16-3M0



TE Part #T4112001041-000
M12,FEMALE,RA,A CODE,4P,PG7,
GOLD



TE Part #215570-8
MICRO-MATCH PBC.08P



TE Part #640383-3
03P MTA156 HDR ASSY STR SQ SN



TE Part #725996-2
110 FASTON TAB TPBR



TE Part #1393240-1
RT314048



TE Part #2-1437667-9
4DB-P108-06=4DB ASSEMBLY



TE Part #2-1625890-9
2W SM M/OX 5% 1R8



TE Part #5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE

Documents

Product Drawings

[06P MTA156 HDR ASSY STR RND SN](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_640384-6_AC.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_640384-6_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640384-6_AC.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English