



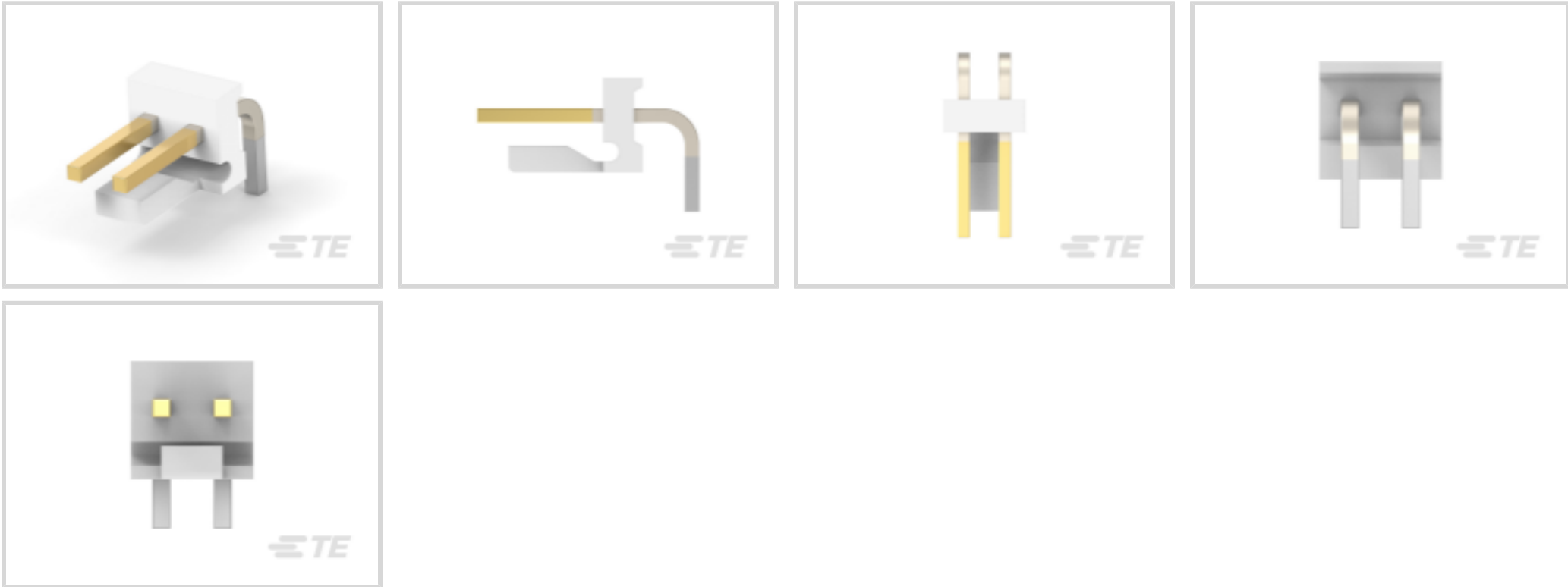
MTA 156

TE Internal #: 641207-2

PCB Mount Header, Right Angle, Wire-to-Board, 2 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Gold, Through Hole - Solder, MTA 156

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **2**

Number of Rows: **1**

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

PCB Mount Orientation: **Right Angle**

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	2
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Mating Area Length	10.16 mm[.4 in]
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 8.89 µm[150 – 350 µin]
Contact Layout	Inline
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	7 A

Termination Features

Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	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

Right Angle Bending Side	Rear
Housing Material	Polyester - GF
Centerline (Pitch)	3.96 mm[.156 in]



Dimensions

Connector Length	23.77 mm[.936 in]
Connector Height	10.8 mm[.425 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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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	2000
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 640643-2
02P MTA156 COVER F/T

TE Part # 643067-2
02P MTA156 MOLDED COVER

TE Part # 640551-2
02P MTA156 COVER

TE Part # 643071-2
02P MTA156 FD-THRU COVER

TE Part # 640251-2
02P SL156 HSG W/O RAMP NATL

TE Part # CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156

TE Part # 641533-1
02P MTA156 CONN HSG,END CAP

Also in the Series | MTA 156

Connector Caps & Covers(89)

Connector Contacts(4)

Connector Hardware(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(314)

Rectangular Power Connectors(691)

Standard Rectangular Connectors(336)

Customers Also Bought



 TE Part #2-1437565-8 FSM2JSMAA=TACTILE 260G FORCE S	 TE Part #6368150-1 MJ,TE,8P,CAT5,SHIELDED	 TE Part #7-1393243-9 RT424730	 TE Part #6116075-4 INV MJ,1X1,SHIELDED,LED (Y/G)
 TE Part #6-1393243-8 RT424024	 TE Part #1-5103308-2 A/L LOW PRO HDR 60P VERT BLACK	 TE Part #1860995-1 RT16C01 PLASTIC RETAINING CLIP LOW	 TE Part #CONREVSMA002-L RP-SMA RA Jack 50 Ohm PCB Through Hole
 TE Part #LICAL-DEC-MS001 DECODER MS IC CHIP RC PROTOCOL T&R	 TE Part #RXM-418-LR Module LR 418MHz AM OOK RX RCVR		

Documents

Product Drawings

02P MTA156 HDR ASSY FL RA 30AU

English

CAD Files

Customer View Model

ENG_CVM_CVM_641207-2_AC.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_641207-2_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_641207-2_AC.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

Agency Approval Document

English