



MTA 156

TE Internal #: 3-644611-3
PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin-Lead, Through Hole - Solder, MTA 156

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **3**
Number of Rows: **1**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	3
PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1

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
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	3.81 µm[150 µin]
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 Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	11.43 mm[.45 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin-Lead
Contact Type	Pin
Contact Current Rating (Max)	7 A

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

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Polarized Lock
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Polyester - GF
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Centerline (Pitch)	3.96 mm[.156 in]
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Dimensions

Connector Width	10.8 mm[.425 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	14.61 mm[.575 in]
Connector Length	11.76 mm[.463 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	200
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

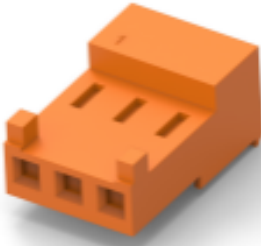
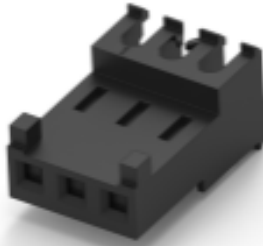
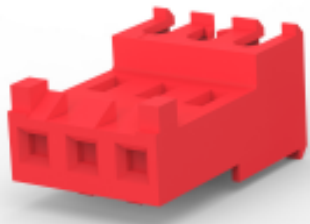
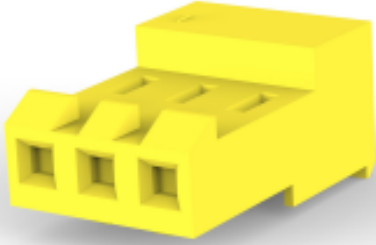
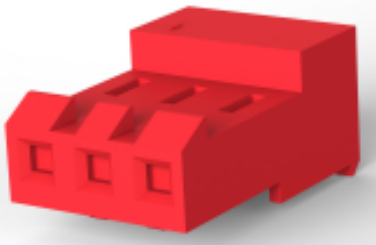
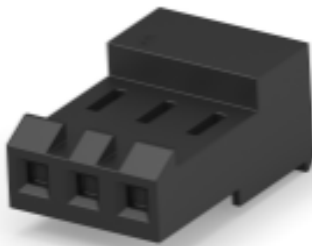
Product Compliance Disclaimer

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 # 3-644462-3 03P MTA156 CONN ASSY 20AWG LF	 TE Part # 3-644461-3 03P MTA156 CONN ASSY 18AWG LF	 TE Part # 3-644570-3 03P MTA156 CONN ASSY 18AWG LF	 TE Part # 3-640606-3 03P MTA156 CONN ASSY 22AWG LF
 TE Part # 3-640602-3 03P MTA156 CONN ASSY 24AWG LF	 TE Part # 3-640477-3 03P MTA156 ASSY ON TAPE LF	 TE Part # 3-644467-3 03P MTA156 CONN ASSY 22AWG LF	 TE Part # 3-643817-3 03P MTA156 CONN ASSY 18AWG ORA
 TE Part # 3-640426-3 03P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-640427-3 03P MTA156 CONN ASSY 20AWG YEL	 TE Part # 3-640428-3 03P MTA156 CONN ASSY 22AWG RED	 TE Part # 3-640431-3 03P MTA156 CONN ASSY 18AWG ORA
 TE Part # 3-644860-3 03P MTA156 CONN ASSY 18AWG LF	 TE Part # 3-644465-3 03P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-644464-3 03P MTA156 CONN ASSY 24AWG LF	 TE Part # 640643-3 03P MTA156 COVER F/T





TE Part # 4-647615-2
12P MTA156 POL LOCK HDR ASSY LF



TE Part # 3-644468-3
03P MTA156 CONN ASSY 24AWG LF



TE Part # 3-640435-3
03P MTA156 CONN ASSY 26AWG LF

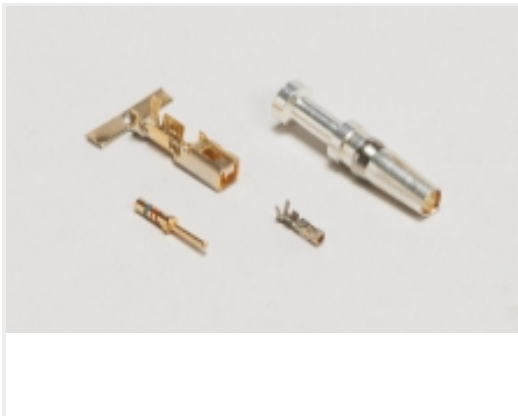


TE Part # 3-640433-3
03P MTA156 CONN ASSY 22AWG RED

Also in the Series | MTA 156



Connector Caps & Covers(89)



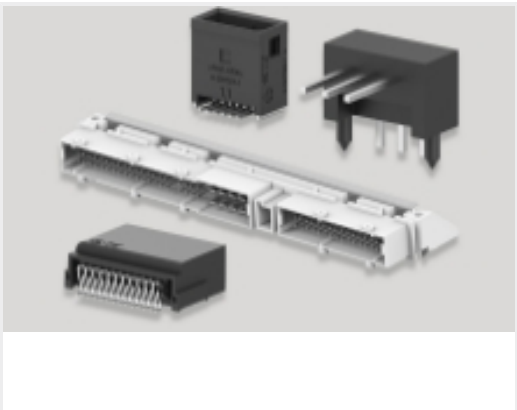
Connector Contacts(4)



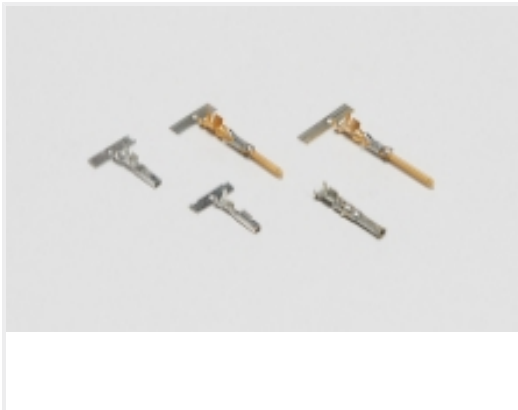
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)



Wire-to-Board Headers & Receptacles (677)

Customers Also Bought



TE Part #1-2303816-3
DT06-3S-TN32, PLG, 3P, BLK, N, SNAPCAP



TE Part #1473149-4
SEMI-HARD TRAY ASSY DDR2 SODIMM 5.2H ST



TE Part #3-644611-4
04P MTA156 HDR POL WO PEGS LF



TE Part #2176369-3
RQ 0603 42R2 0.1% 10PPM 5K RL



TE Part #5-104074-8
06 SYSTEM 50 HDR SRRA SHRD SN



TE Part #1060-16-0644
PIN, SF, SIZE 16, 16-20, AU/SN



TE Part #1415030-1
PB134005



TE Part #5747847-4
37 MSFL RCPT RA 318 (IN,FM,BL)



Documents

Product Drawings

03P MTA156 HDR POL WO PEGS LF

English

CAD Files

Customer View Model

ENG_CVM_3-644611-3_H1.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_3-644611-3_H1.3d_igs.zip

English

Customer View Model

ENG_CVM_3-644611-3_H1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644611-3_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644611-3_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644611-3_F.3d_stp.zip

English

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Product Specifications

Application Specification

English