



MTA 156

TE Internal #: 3-644617-3

PCB Mount Header, Right Angle, Wire-to-Board, 3 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, MTA 156

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

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	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Columns	3
Number of Loaded Positions	3
Keying & Polarized Position Locations	None
PCB Mount Orientation	Right Angle



Number of Positions	3
Number of Rows	1
Number of Power Positions	3

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]
Contact Size	1.14mm
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material Finish	Matte
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 Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.81 – 8.89 µm[150 – 350 µin]
Contact Type	Tab
Contact Current Rating (Max)	14.24 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

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

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention Type	Tab
Mating Retention Type	Polarized Lock



PCB Mount Alignment Type	Pegs
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Mating Entry Location	Side
Right Angle Bending Side	Front
Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Thermoplastic Polyester GF

Dimensions

Connector Width	13.84 mm[.545 in]
Connector Height	10.79 mm[.425 in]
Connector Length	11.76 mm[.463 in]
PCB Thickness (Recommended)	1.57 mm[.062 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	500
Packaging Method	Bag

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

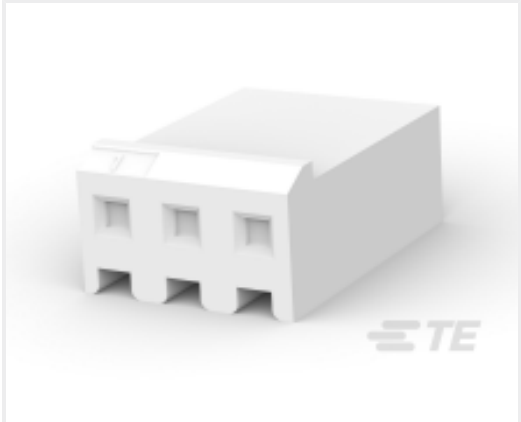
Product Compliance Disclaimer

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>

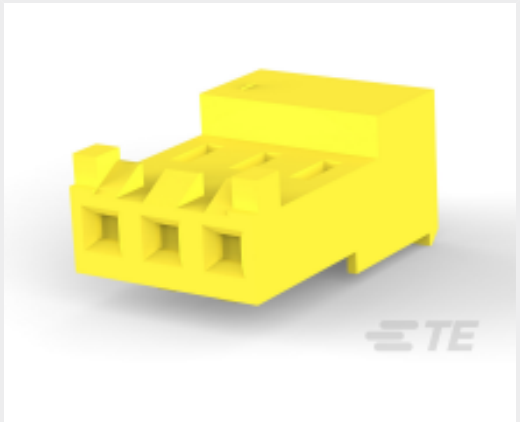
Compatible Parts



TE Part # 3-640605-3
03P MTA156 CONN ASSY 20AWG LF



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



TE Part # 3-643818-3
03P MTA156 CONN ASSY 20AWG YEL



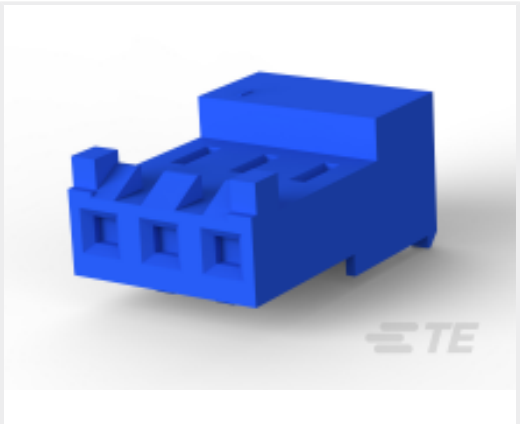
TE Part # 3-640599-3
03P MTA156 CONN ASSY 18AWG ORA



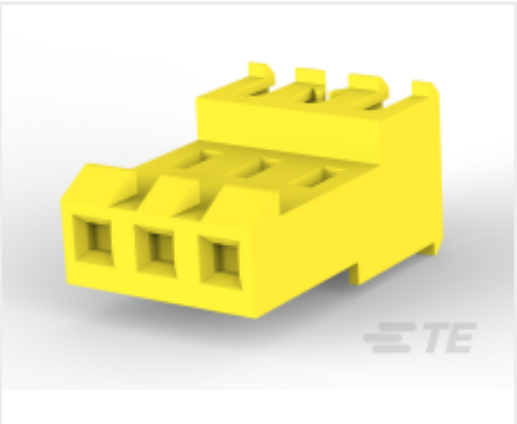
TE Part # 3-640604-3
03P MTA156 CONN ASSY 18AWG LF



TE Part # 3-640429-3
03P MTA156 CONN ASSY 24AWG WHT



TE Part # 3-643821-3
03P MTA156 CONN ASSY 26AWG LF



TE Part # 3-640600-3
03P MTA156 CONN ASSY 20AWG LF



TE Part # 3-643819-3
03P MTA156 CONN ASSY 22AWG RED

TE Part # 3-644501-3
03P MTA156 CONN ASSY 22AWG LF

TE Part # 3-640606-3
03P MTA156 CONN ASSY 22AWG LF

TE Part # 3-644462-3
03P MTA156 CONN ASSY 20AWG LF

TE Part # 3-644860-3
03P MTA156 CONN ASSY 18AWG LF

TE Part # 3-644570-3
03P MTA156 CONN ASSY 18AWG LF

TE Part # 3-640426-3
03P MTA156 CONN ASSY 18AWG ORA

TE Part # 3-640427-3
03P MTA156 CONN ASSY 20AWG YEL

TE Part # 3-640477-3
03P MTA156 ASSY ON TAPE LF

TE Part # 3-640602-3
03P MTA156 CONN ASSY 24AWG LF

TE Part # 3-643817-3
03P MTA156 CONN ASSY 18AWG ORA

TE Part # 3-644461-3
03P MTA156 CONN ASSY 18AWG LF

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 #3-644613-4
[04P MTA156 HDR RA PO WO PEG LF](#)



TE Part #3-644617-6
[06P MTA156 HDR ASY PO RA FB LF](#)



TE Part #770849-6
[06P SL156 HSG W/LCK RMP & TABS](#)



TE Part #1376382-1
[5mm B-T-W Conn. 2P HDR ASSEMBL](#)



TE Part #1-1376384-2
[5mm B-T-W Conn. 4P HDR ASSEMBL](#)



TE Part #1-1969730-0
[EP2.5 SHROUDED HDR ASSY 10P VERTICAL](#)

Documents

Product Drawings

[03P MTA156 HDR ASY PO RA FB LF](#)

English

CAD Files

Customer View Model

[ENG_CVM_3-644617-3_J.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-644617-3_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-644617-3_J.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-644617-3_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644617-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644617-3_D.3d_stp.zip](#)

English



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Product Specifications

Application Specification

English