



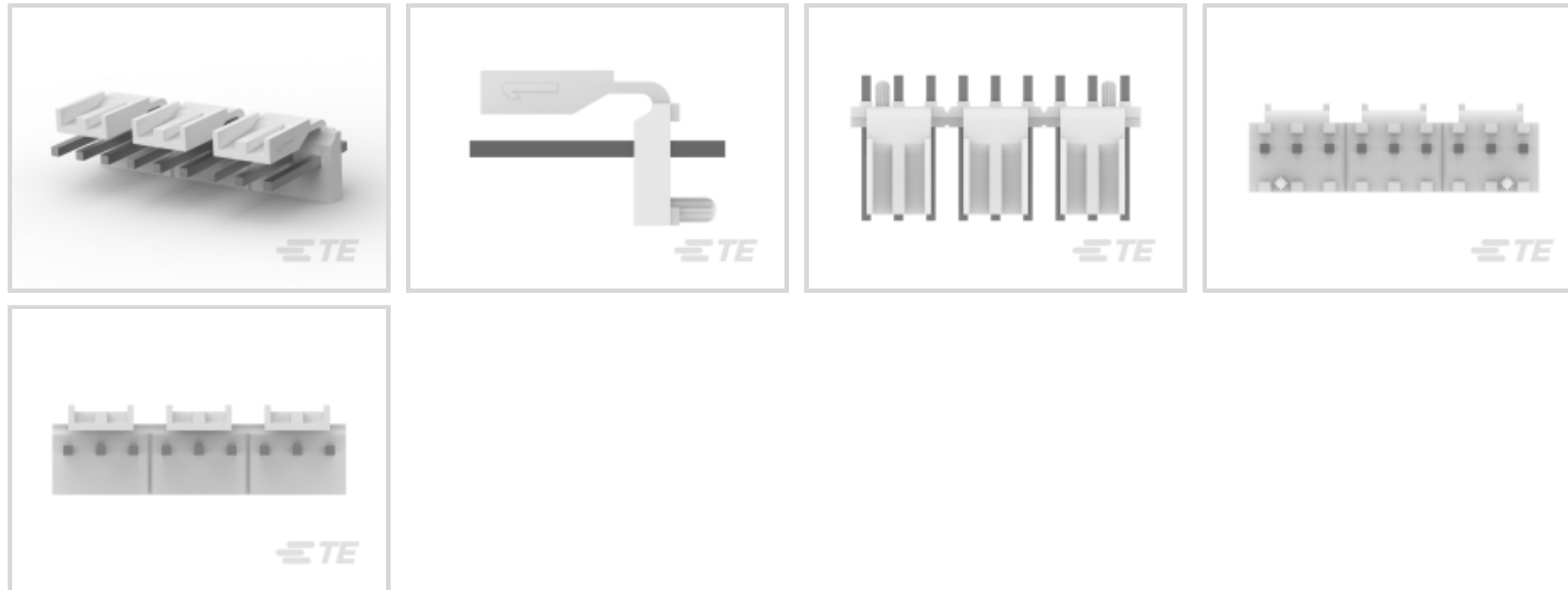
MTA 156

TE Internal #: 3-644615-9

PCB Mount Header, Vertical, Wire-to-Board, 9 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin (Sn), Through Hole - Solder, 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: **9**

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	9
Number of Loaded Positions	9
Keying & Polarized Position Locations	3&4, 6&7
PCB Mount Orientation	Vertical



Number of Positions	9
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Number of Rows	1
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Number of Power Positions	9
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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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Contact Underplating Material Thickness	1.27 μ m[50 μ in]
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Contact Size	1.14mm
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Mating Square Post Dimension	1.14 mm[.045 in]
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material Finish	Matte
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Contact Shape & Form	Square
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PCB Contact Termination Area Plating Material Thickness	3.81 – 8.89 μ m[150 – 350 μ in]
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Contact Layout	Inline
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Contact Mating Area Length	11.43 mm[.45 in]
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Contact Mating Area Plating Material	Tin (Sn)
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Contact Mating Area Plating Material Finish	Matte
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Contact Mating Area Plating Material Thickness	3.81 – 8.89 μ m[150 – 350 μ in]
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Contact Type	Tab
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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

Square Termination Post & Tail Dimension	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 Retention Type	Tab
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Mating Alignment Type	Backwall Interruptions Between Posts
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Mating Retention Type	Polarized Lock
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PCB Mount Alignment Type	Pegs
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PCB Mount Alignment	With
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Mating Retention	With
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PCB Mount Retention	With
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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Housing Features

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

Connector Width	10.79 mm [.425 in]
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Connector Height	13.84 mm [.545 in]
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Connector Length	35.53 mm [1.399 in]
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PCB Thickness (Recommended)	1.57 mm [.062 in]
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Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
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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
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	500
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Packaging Method	Bag
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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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 3-640605-9
09P MTA156 CONN ASSY 20AWG LF

TE Part # 3-644860-9
09P MTA156 CONN ASSY 18AWG LF

TE Part # 3-640606-9
09P MTA156 CONN ASSY 22AWG LF

TE Part # 3-640433-9
09P MTA156 CONN ASSY 22AWG RED

TE Part # 3-640427-9
09P MTA156 CONN ASSY 20AWG YEL

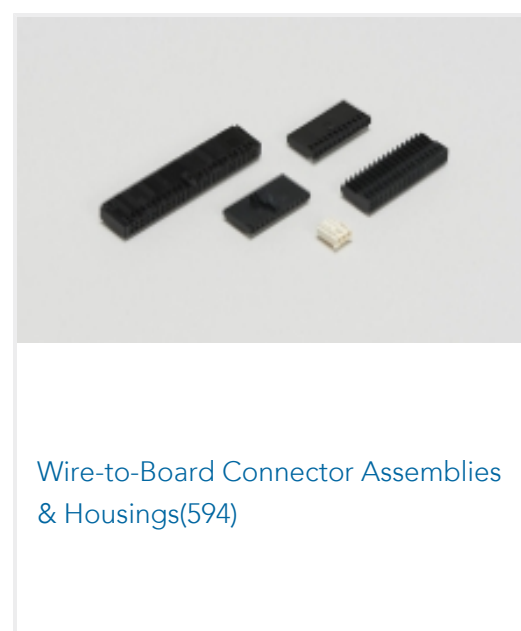
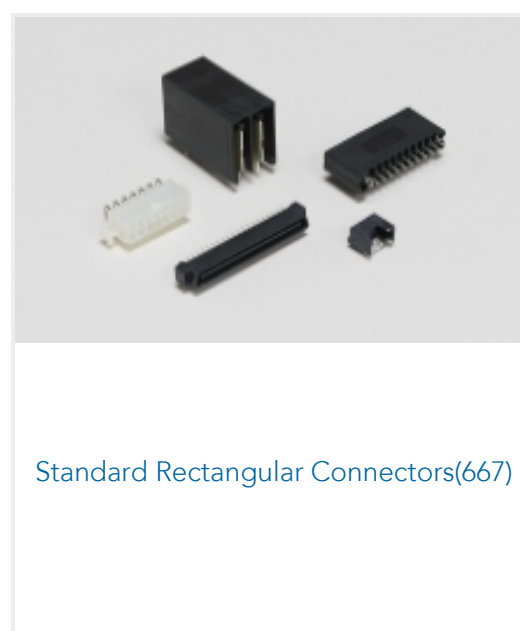
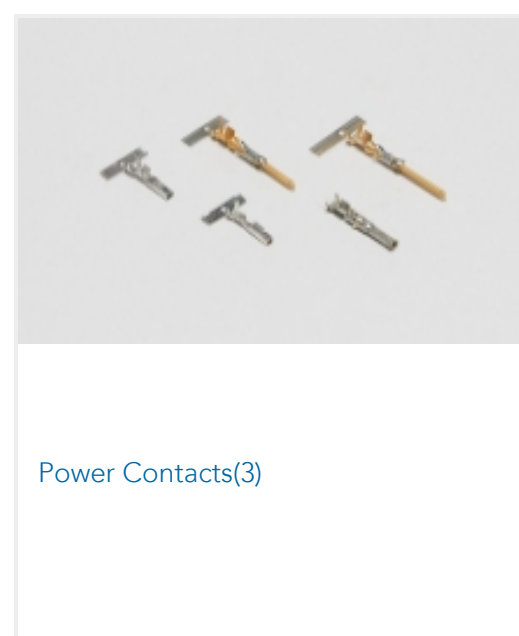
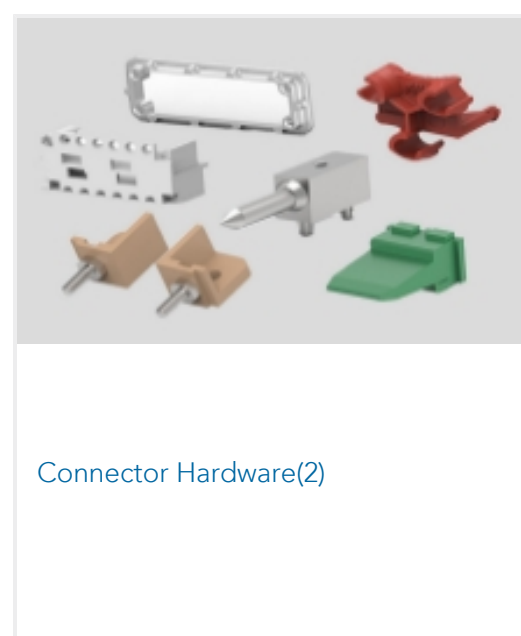
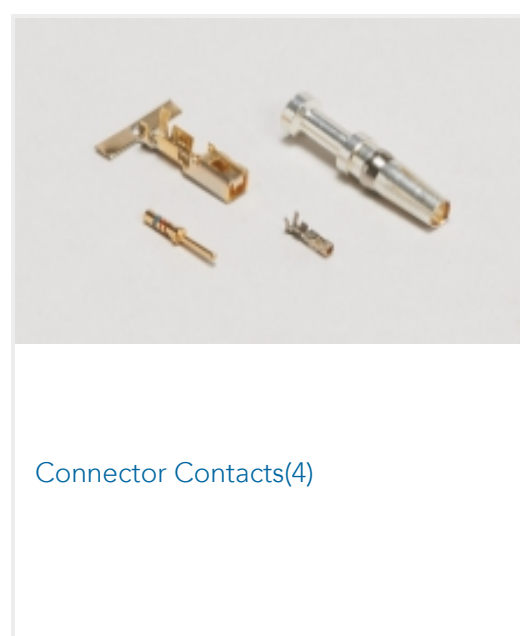
TE Part # 3-640599-9
09P MTA156 CONN ASSY 18AWG ORA

TE Part # 3-643820-9
09P MTA156 CONN ASSY 24AWG LF

TE Part # 640251-9
09P SL156 HSG W/O LCK RAMP



Also in the Series | MTA 156



Customers Also Bought




TE Part #024070-E
STVBUG E 160 CSI 172 9999 * J 4
24070 FE



TE Part #1-534206-2
24 MODII VRT DR CE 100/115



TE Part #3-644615-6
06P MTA156 POL HDR ASSY LF



TE Part #1-770970-0
08P MINI UMNL R/A HDR ASSY SN



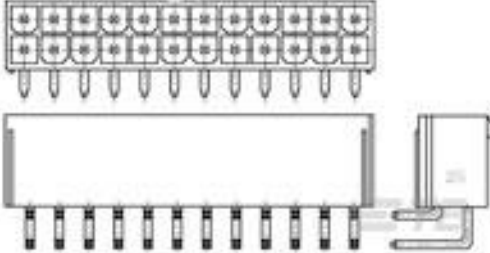
TE Part #7-1393302-5
V23134B0052C642-EV-CBOX



TE Part #1-1419108-9
RT444012F



TE Part #1571218-3
TACT,SMT,12X12,SEALED,T&R



TE Part #1586042-4
4P VAL-U-LOK R/A HDR V0



TE Part #4-1676953-4
3639D 150UH 30%



TE Part #5767096-8
MICT,REC,038,ASY,.025,TAPE,CAP

Documents

Product Drawings

[09P MTA156 POL HDR ASSY LF](#)

English

CAD Files

Customer View Model

[ENG_CVM_3-644615-9_J.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-644615-9_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-644615-9_J.3d_stp.zip](#)

English

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_3-644615-9_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644615-9_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644615-9_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English