



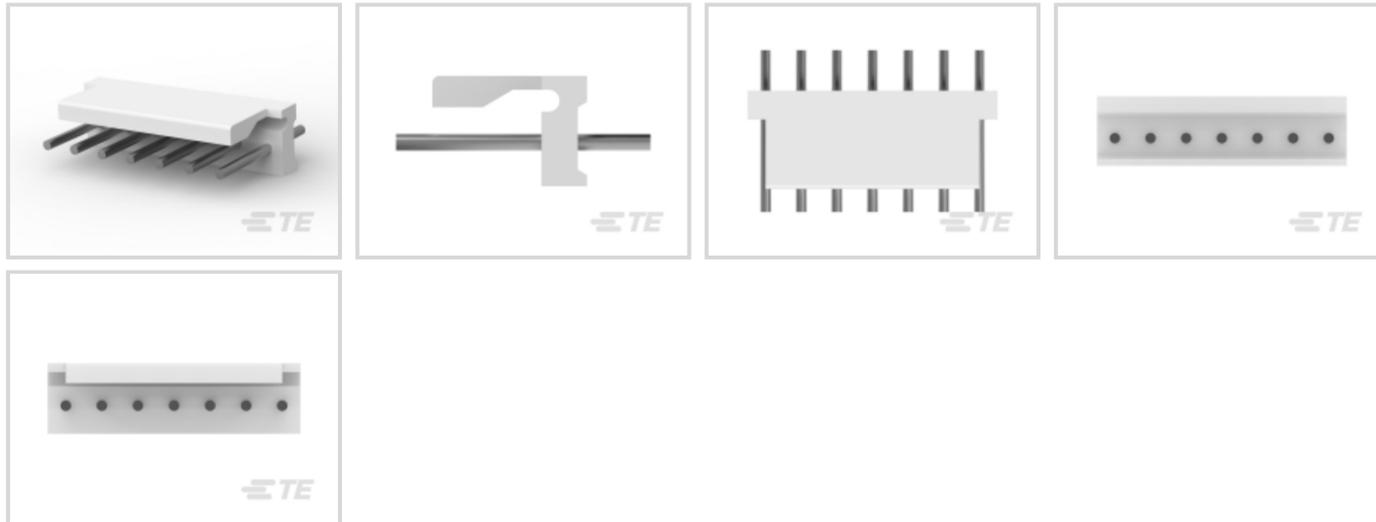
MTA 156

TE Internal #: 644753-7

PCB Mount Header, Vertical, Wire-to-Board, 7 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: **7**

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

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	7
PCB Mount Orientation	Vertical
Number of Positions	7
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
Mating Pin Diameter	1.14 mm[.045 in]
Contact Underplating Material Thickness	1.27 μ m[50 μ in]
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	2.54 μ m[100 μ in]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	10.16 mm[.4 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2.54 μ m[100 μ in]
Contact Type	Pin
Contact Current Rating (Max)	7 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Diameter	1.14 mm[.045 in]
Termination Post & Tail Length	4.45 mm[.175 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Housing Material Thermoplastic Polyester

Dimensions

Connector Width	7.62 mm[.3 in]
PCB Thickness (Recommended)	2.77 mm[.109 in]
Connector Height	13.34 mm[.525 in]
Connector Length	27.76 mm[1.092 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	1
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

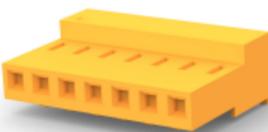
Product Compliance Disclaimer

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 # 3-640431-7
07P MTA156 CONN ASSY 18AWG
ORA



TE Part # 3-643821-7
07P MTA156 CONN ASSY 26AWG LF



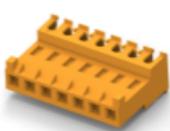
TE Part # 3-644860-7
07P MTA156 CONN ASSY 18AWG LF



TE Part # 3-640429-7
07P MTA156 CONN ASSY 24AWG
WHT



TE Part # 3-640599-7
07P MTA156 CONN ASSY 18AWG
ORA



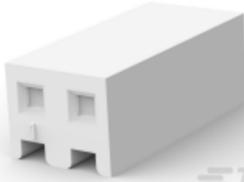
TE Part # 3-644465-7
07P MTA156 CONN ASSY 18AWG
ORA



TE Part # 3-640434-7
07P MTA156 CONN ASSY 24AWG
WHT



TE Part # 3-644462-7
07P MTA156 CONN ASSY 20AWG LF



TE Part # CAT-103156-RECHS
Connector Housing, Rectangular, 3.96
mm, 1 Row



TE Part # 3-644878-7
07P MTA156 ASSY ON TAPE LF



TE Part # 3-643817-7
07P MTA156 CONN ASSY 18AWG
ORA



TE Part # 3-640605-7
07P MTA156 CONN ASSY 20AWG LF



TE Part # 3-644467-7
07P MTA156 CONN ASSY 22AWG LF



TE Part # 3-643818-7
07P MTA156 CONN ASSY 20AWG YEL



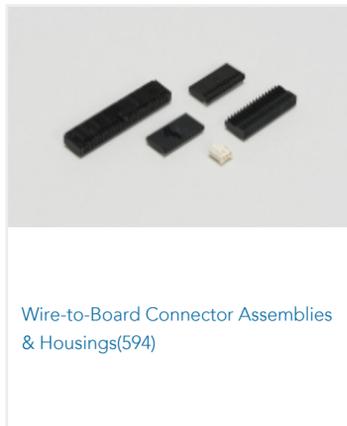
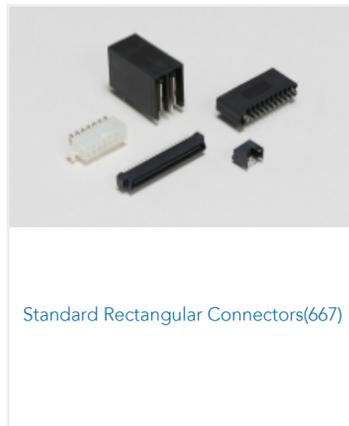
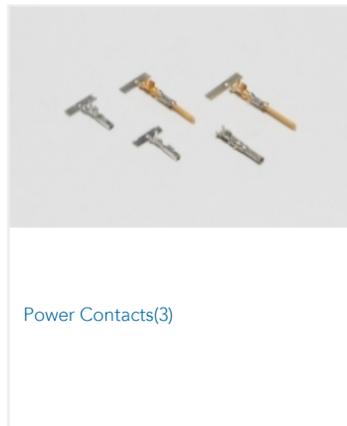
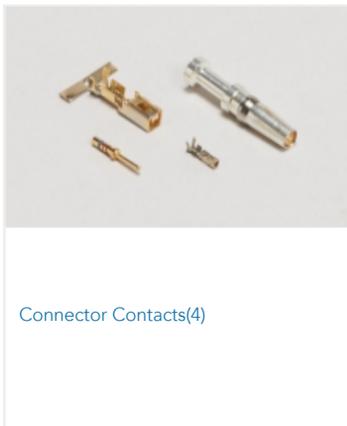
TE Part # 3-644466-7
07P MTA156 CONN ASSY 20AWG YEL



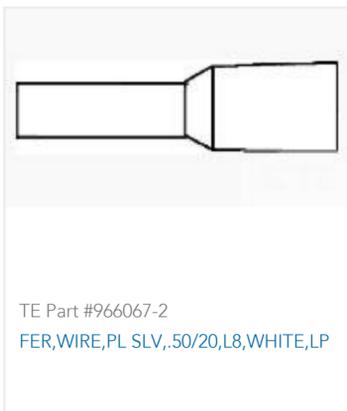
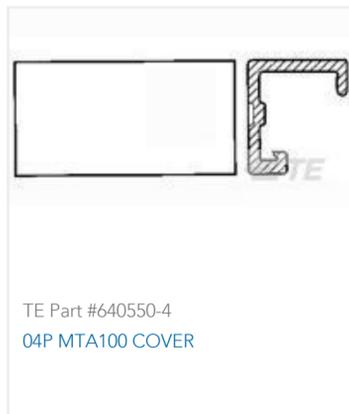
TE Part # 640251-7
07P SL156 HSG W/O LCK RAMP



Also in the Series | **MTA 156**



Customers Also Bought





Documents

Product Drawings

[07P MTA156 HDR ASSY RN STR F/L](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_644753-7_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_644753-7_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_644753-7_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English