

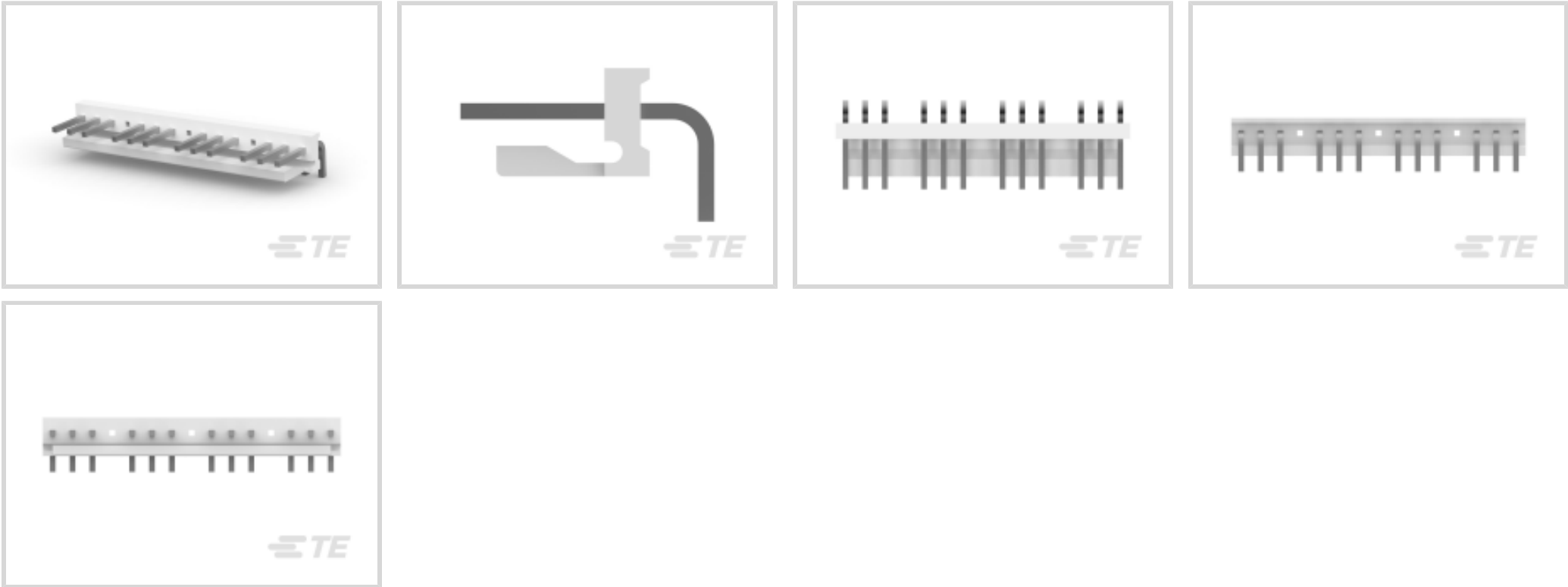


MTA 156

TE Internal #: 644958-1
PCB Mount Header, Right Angle, Wire-to-Board, 15 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, MTA 156

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Right Angle**
Connector System: **Wire-to-Board**
Number of Positions: **15**
Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	600 VAC
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Dimensions

Connector Width	10.79 mm[.425 in]
Connector Height	7.62 mm[.3 in]
Connector Length	59.44 mm[2.34 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Other

Position Locations Omitted	4, 8, 12
Number of Blocked Positions	3
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Packaging Features

Packaging Quantity	250
Packaging Method	Package



Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Mechanical Attachment

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

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

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Size	1.14mm
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Shape & Form	Square
Contact Layout	Inline



Contact Mating Area Length	10.16 mm[.4 in]
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	14.24 A

Housing Features

Mating Entry Location	Side
Housing Material	Thermoplastic Polyester - Glass-Filled
Right Angle Bending Side	Rear
Centerline (Pitch)	3.96 mm[.156 in]

Configuration Features

Connector Contact Load Condition	Selectively Loaded
Number of Columns	15
Number of Loaded Positions	12
Number of Power Positions	12
PCB Mount Orientation	Right Angle
Number of Positions	15
Number of Rows	1

Product Type Features

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

Body Features

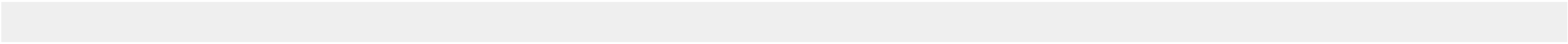
Primary Product Color	Natural
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Operation/Application

Circuit Application	Power
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-770996-5
15P SL 156 HSG W/TABS W/O LR

TE Part # 644776-1
12P MTA156 HDR ASSY F/L W/O#8

TE Part # 644959-1
17P MTA156 R/A ASY WO4,8,12,15

TE Part # 1-643071-5
15P 156 CL MTA FD/TH COVER

TE Part # 1-640387-5
15P MTA156 HDR ASSY SQ R/A

TE Part # 1-640643-5
15P MTA156 COVER F/T

TE Part # 1-640551-5
15P MTA156 COVER

TE Part # 644949-2
07P MTA156 HDR ASSY F/L W/O#3



TE Part # 1-644752-5
15P MTA156 HDR ASSY SQ STR F/L



TE Part # 644999-1
15P MTA156 HD ASY FL RN SN WO4



TE Part # 644873-2
17P MTA156 HDR ASSY W/O#11



TE Part # 644971-2
08P MTA156 HDR ASSY W/O#6 F/L



TE Part # 1-643067-5
15P MTA156 MOLDED COVER



TE Part # 644961-1
19P MTA156 HDR ASY WO4,8,12,16



TE Part # 644957-1
11P MTA156 HDR ASSY RA W/O#4&8

Also in the Series | **MTA 156**



Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



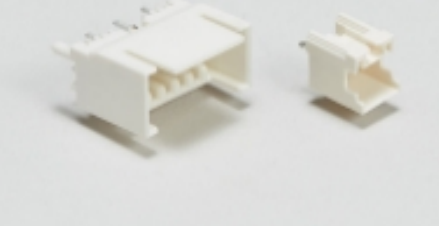
Power Contacts(3)



Rectangular Power Connectors(331)



Standard Rectangular Connectors(336)

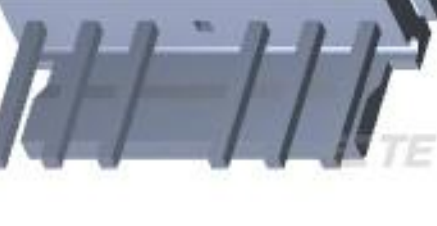


Wire-to-Board Headers & Receptacles (677)

Customers Also Bought



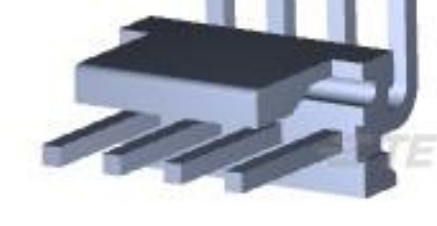
TE Part #1-640456-3
13P MTA100 HDR ASSY F/L SQ STR



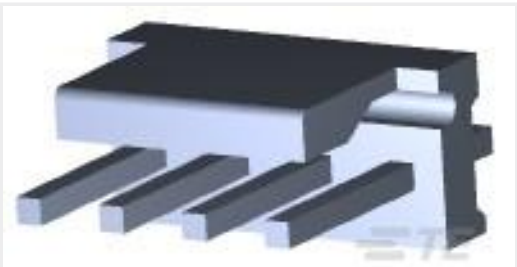
TE Part #644699-2
07P MTA156 HDR ASSY R/A W/O#4



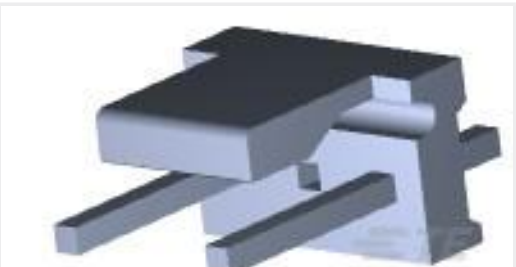
TE Part #640387-6
06P MTA156 HDR ASSY SQ R/A



TE Part #640387-4
04P MTA156 HDR ASSY SQ R/A



TE Part #640445-4
04P MTA156 HDR ASSY FL/STR SN



TE Part #641937-1
03P MTA156 HDR ASSY STR W/O#2



TE Part #644961-1
19P MTA156 HDR ASY WO4,8,12,16



TE Part #4-640429-2
12P MTA156 CONN ASSY 24AWG
WHT



TE Part #6-146276-4
14 MODII HDR SRST B/A .100CL



TE Part #644713-1
24P MTA156 HDR ASSY STR W/O#23

Documents

Product Drawings

15P MTA156 HDR ASSY,R/A,OMIT

English

CAD Files

Customer View Model

ENG_CVM_CVM_644958-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_644958-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_644958-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English