644959-1 ✔ ACTIVE

MTA 156

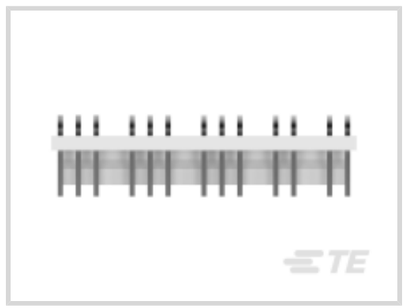
TE Internal #: 644959-1

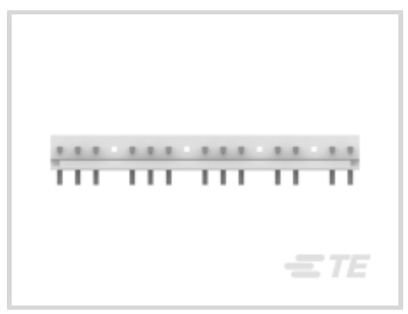
Header, Plug, Wire-to-Board, 17 Position, 3.96 mm [.156 in] Centerline, Printed Circuit Board, UL 94V-0, MTA 156, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **17**

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

Features

Product Type Features

Header Type	Partially Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Loaded Positions	13
Number of Positions	17
PCB Mount Orientation	Right Angle
Number of Power Positions	17
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Mating Post Length	10.16 mm[.4 in]
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]

Termination Features

Termination Post & Tail Length	4.06 mm[.16 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Right Angle Bending Side	Rear
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Polyester - GF

Dimensions

Connector Height	13.33 mm[.525 in]
Product Length	67.36 mm[2.652 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	250
Packaging Method	Package

Other

Number of Blocked Positions	4

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 # 644958-1
15P MTA156 HDR ASSY,R/A,OMIT



TE Part # 1-640445-7
17P MTA156 HDR ASSY FL/STR SN



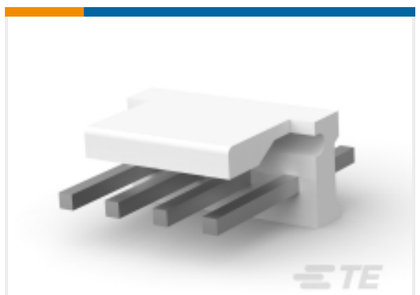
TE Part # 644752-3
03P MTA156 HDR ASSY SQ STR F/L



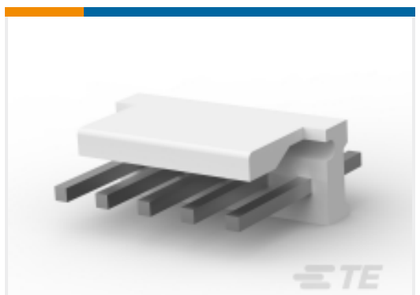
TE Part # 644752-2
02P MTA156 HDR ASSY SQ STR F/L



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



TE Part # 644752-4
04P MTA156 HDR ASSY SQ STR F/L



TE Part # 644752-5
05P MTA156 HDR ASSY SQ STR F/L



TE Part # 1-644752-7
17P MTA156 HDR ASSY SQ STR F/L



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



TE Part # 1-643067-7
17P MTA156 MOLDED COVER



TE Part # 1-640551-7
17P MTA156 COVER



TE Part # 1-640643-7
17P MTA156 COVER F/T



TE Part # 1-643071-7
17P MTA156 FD-THRU COVER



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

Also in the Series | MTA 156



Connector Caps & Covers(89)



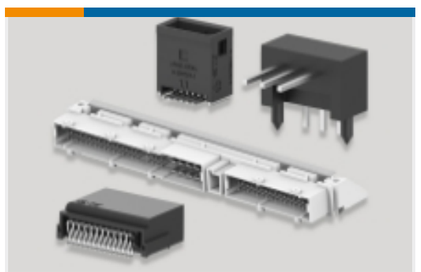
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(317)



Rectangular Power Connectors(691)

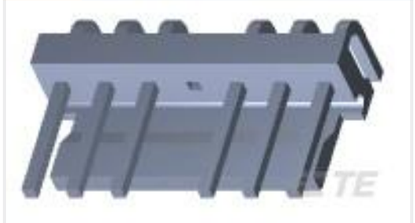


Standard Rectangular Connectors(336)

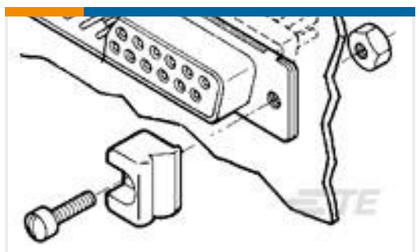
Customers Also Bought



TE Part #3-1879073-6
THS10 220R 5%



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



TE Part #745286-2
LATCHING BLOCK



TE Part #644408-2
06P MTA156 HDR ASSY,R/A,W/O#5



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



TE Part #644590-1
08P DUAL ROW R/A SHRD HDR SPCL



TE Part #644960-1
18P MTA156 HDR ASY WO4,8,12,16



TE Part #644713-2
24P MTA156 HDR W/O#6,10,17



TE Part #641876-3
12P MTA156 HDR ASSY FL STR SN



TE Part #1-103648-9
20 MTE RCPT HSG SR RIB .100CL

Documents

Product Drawings

17P MTA156 R/A ASY WO4,8,12,15

English

CAD Files

Customer View Model

ENG_CVM_CVM_644959-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_644959-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_644959-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English

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Global Electronic Components Distributor

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TE Connectivity:

1903112-2 2380312-2 3-1393225-0 3430B2F51RTDF 3631B101LL SMW73R0JT TE50BR39J 1393431-1
1743455-2 1969656-1 2310537-1 650075-000 917696-1 ROX05SJ18R 141991-2 2005330-1 936348-1
CPF0402B37K4E1 SBCHE154R7K SBCHE64R7K CRGCQ2010J3K3 MPT100C18RF RH73H2A40MKTN
2377783-2 1-794222-0 U5254-000005-030PA 1-962915-1 2-292161-3 2834055-1 175977-2