

07P MTA156 HDR LF WO 2,3,5,6 ✓ ACTIVE



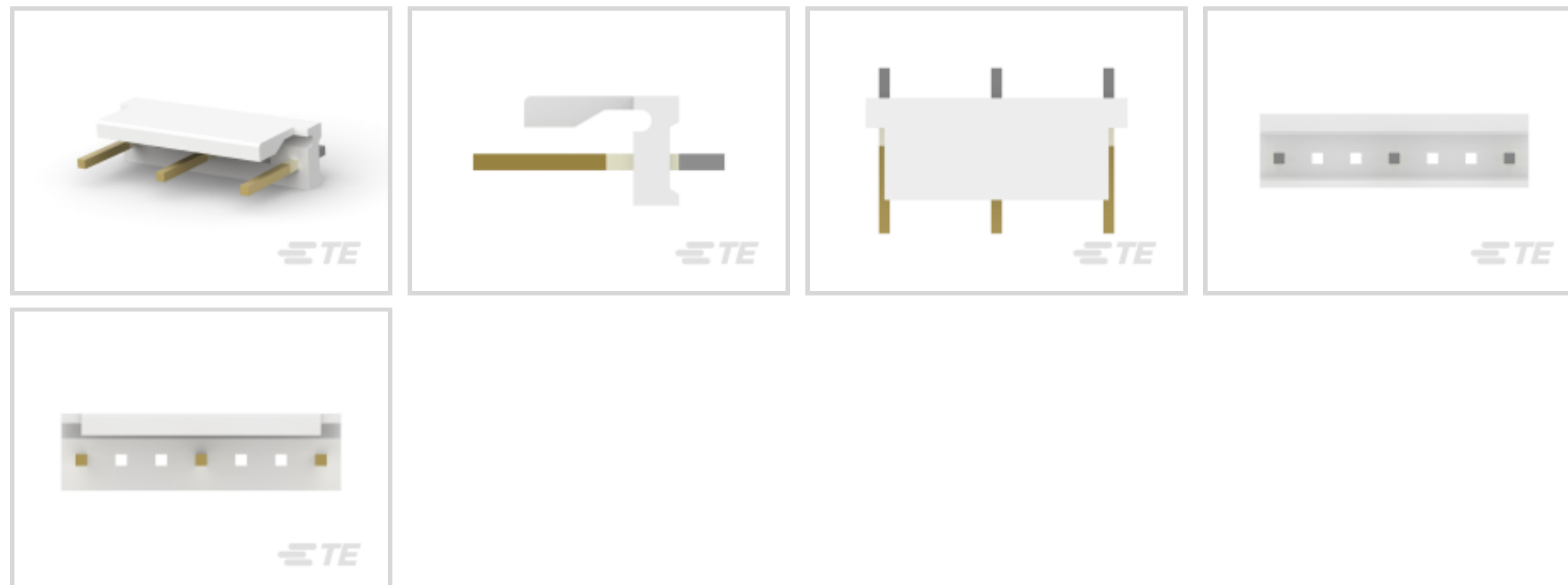
MTA | MTA 156

TE Part # 3-647491-2

TE Internal #: 3-647491-2

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Header**

Housing Type: **Plug**

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

Number of Positions: 7

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

Features

Product Type Features

Header Type	Unshrouded
Product Type	Header
Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Tab

Configuration Features

Number of Loaded Positions	3
Number of Positions	7
PCB Mount Orientation	Vertical
Number of Power Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Termination Area Plating Finish	Matte
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	7 A
Contact Retention	Without
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	30 μm [.76 μin]
Contact Termination Area Plating Thickness	2.54 μm [100 μin]

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Polyester - GF

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Mating Post Length	10.16 mm[.4 in]
Height	10.79 mm[.425 in]



Length 35.66 mm[1.404 in]

Usage Conditions

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

Operation/Application

Circuit Application Power

Industry Standards

CSA Rating Certified

Glow Wire Rating Standard Part - Not Glow Wire

Agency/Standard Number E28476

Agency/Standard CSA, UL

UL Rating Recognized

CSA File Number LR7189

Packaging Features

Packaging Method Package

Packaging Quantity 1000

Other

Number of Blocked Positions 4

For Use With MTA .156 Connector Assembly

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 2019 (197)
Candidate List Declared Against: JAN 2019 (197)

Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

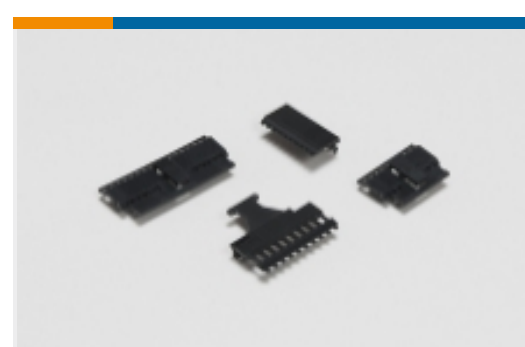
Solder Process Capability Wave solder capable to 265°C

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

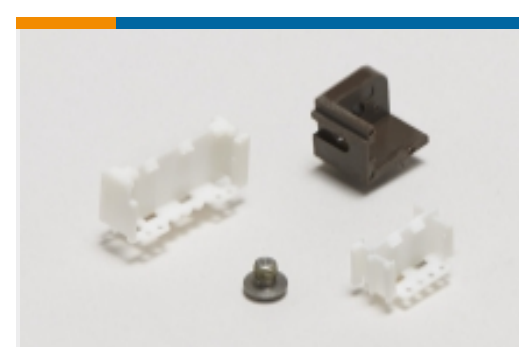
Also in the Series | MTA 156



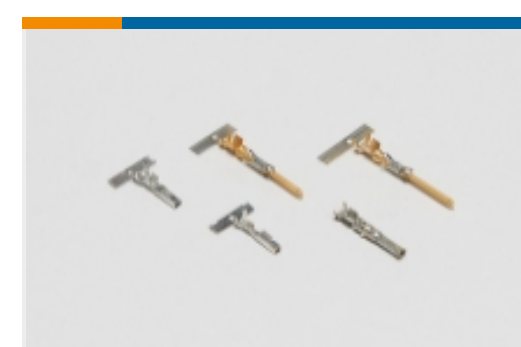
PCB Connector Covers(92)



PCB Connector Keying(2)



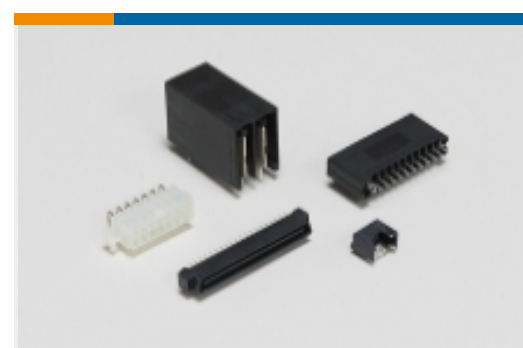
PCB Connector Mounting
(1)



Power Contacts(3)



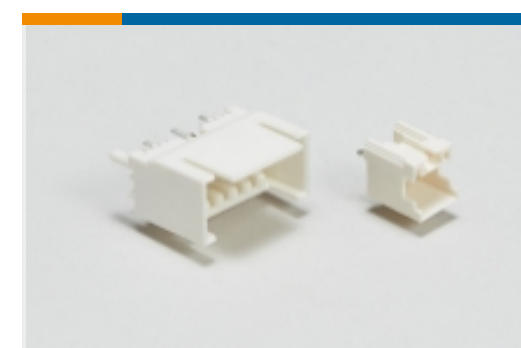
Rectangular Power
Connectors(749)



Standard Rectangular
Connectors(1310)



Wire-to-Board Connector
Contacts(12)



Wire-to-Board Headers &
Receptacles(729)

Customers Also Bought



TE Part #2-34146-5
PG R 22-16 COMM 22-18
MIL 10



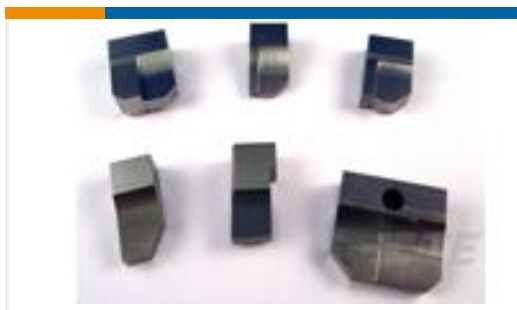
TE Part #4-641208-3
13P MTA156 HDR ASSY FL
ST LF



TE Part #1-641119-2
12P MTA156 HDR ASSY FL
/ST 15AU



TE Part #2-5499345-6
A/L UNIV HDR 26P RA SHT
LAT BL



TE Part #3-240654-5
ANVIL



TE Part #3-641227-8
08P MTA156 CONN ASSY
18AWG LF



TE Part #7-104935-3
24 MTE HDR SRRA LTCH.
100CL LF



TE Part #86207-9
04 MODI HDR SRST .156CL



TE Part #2-2176390-6
RQ 1206 2K1 0.1% 10PPM
5K RL

Documents

Product Drawings

07P MTA156 HDR LF WO 2,3,5,6

English

CAD Files

Customer View Model

[ENG_CVM_CVM_3-647491-2_F.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-647491-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-647491-2_F.3d_stp.zip](#)

English