

3-640431-7 ✓ ACTIVE

MTA 156

TE Internal #: 3-640431-7

7 Position, Receptacle, Connector Assembly, Insulation

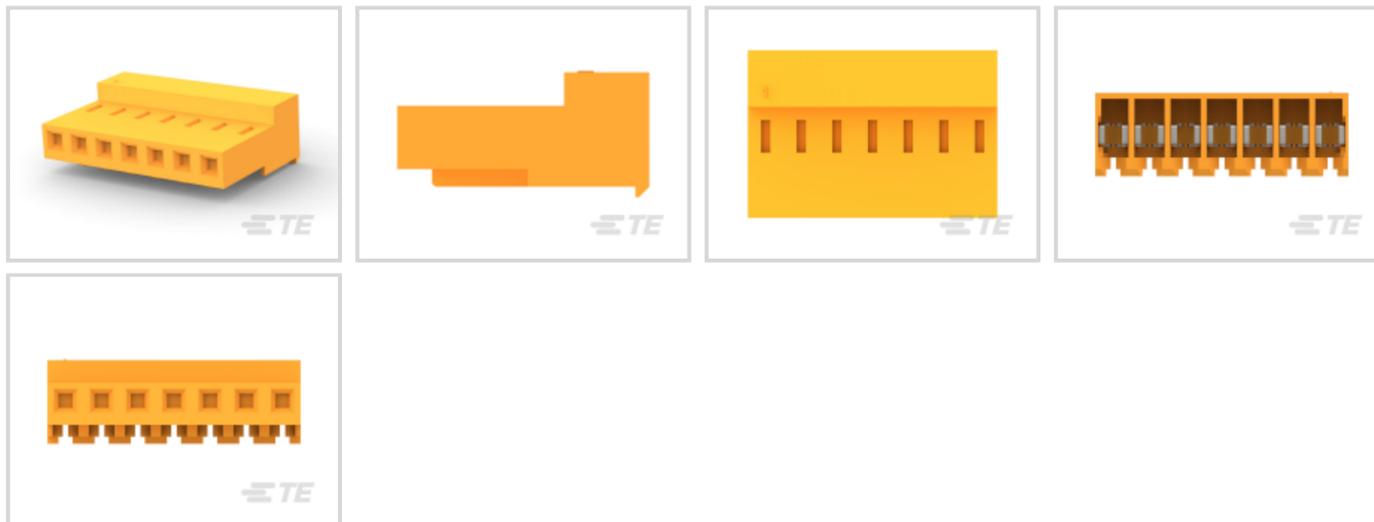
Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-2, 3.96 mm [

156 in] Centerline, MTA 156

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Mating Alignment: **Without**

Connector & Housing Type: **Receptacle**

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

Contact Mating Area Plating Material: **Tin (Sn)**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	7
Number of Rows	1
Number of Power Positions	7

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Body Features

Primary Product Color	Orange
-----------------------	--------



Cable Exit Angle	90 °
------------------	------

Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 – 5.08 µm[80 – 200 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 5.08 µm[80 – 200 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

Mechanical Attachment

Strain Relief	With
Panel Mount Feature	Without
Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon

Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	9.02 mm[.355 in]
Connector Length	27.74 mm[1.092 in]
Wire Size	.8 – .9 mm ²

Usage Conditions

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

Operation/Application



Circuit Application	Power
---------------------	-------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	250
Packaging Method	Bag & Box

Product Compliance

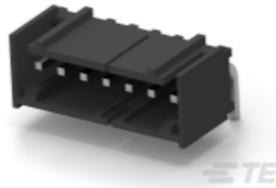
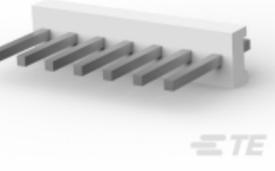
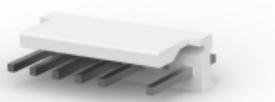
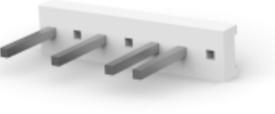
[For compliance documentation, visit the product page on TE.com>](#)

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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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>

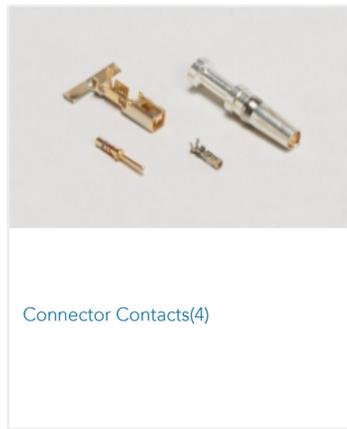
Compatible Parts

 <p>TE Part # 2-647125-7 07P MTA156 SHRD HDR ASSY LF</p>	 <p>TE Part # 643071-7 07P MTA156 FD-THRU COVER</p>	 <p>TE Part # 643464-5 07P MTA156 HDR ASSY STR W/O#6</p>	 <p>TE Part # 643464-6 07P MTA156 HDR ASSY W/O#2,4,&6</p>
 <p>TE Part # 640387-7 07P MTA156 HDR ASSY SQ R/A</p>	 <p>TE Part # 640551-7 07P MTA156 COVER</p>	 <p>TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE</p>	 <p>TE Part # 640383-7 07P MTA156 HDR ASSY STR SQ SN DISCRETE</p>
 <p>TE Part # 643067-7 07P MTA156 MOLDED COVER</p>	 <p>TE Part # 644752-7 07P MTA156 HDR ASSY SQ STR F/L</p>	 <p>TE Part # 643464-2 07P MTA156 HDR ASSY STR W/O#2</p>	 <p>TE Part # 644749-7 07P MTA156 HDR ASSY STR SQ SN</p>
 <p>TE Part # 644751-7 07P MTA156 HDR ASSY R/A</p>	 <p>TE Part # 3-644617-7 07P MTA156 HDR ASY PO RA FB LF</p>	 <p>TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE</p>	 <p>TE Part # 643464-1 07C MTA156 HDR F/L STR SQ SPL DISCRETE</p>
 <p>TE Part # 644753-7 07P MTA156 HDR ASSY RN STR F/L</p>	 <p>TE Part # 59804-1 MAINTENANCE TOOL</p>	 <p>TE Part # 2-647123-7 07P MTA156 SHRD HDR ASSY SQ SN</p>	 <p>TE Part # 641991-5 07P MTA156 HDT SQ W/O#1,4,6</p>

Also in the Series | **MTA 156**



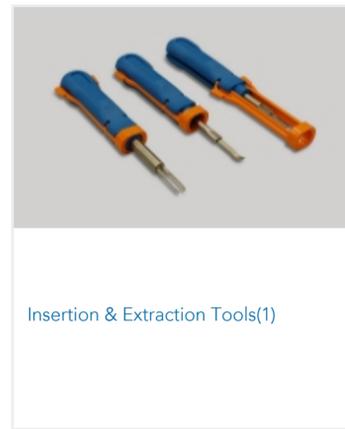
Connector Caps & Covers(89)



Connector Contacts(4)



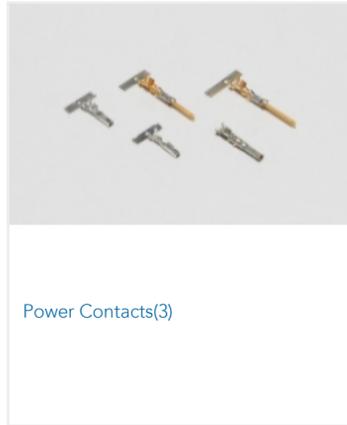
Connector Hardware(2)



Insertion & Extraction Tools(1)



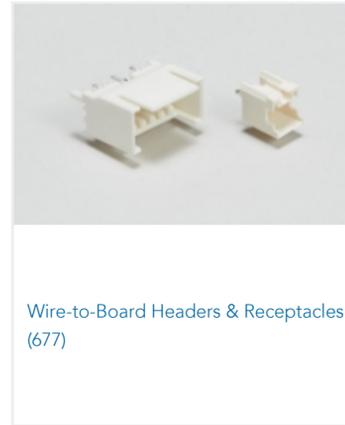
PCB Headers & Receptacles(677)



Power Contacts(3)

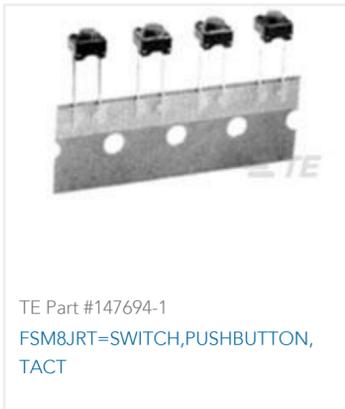


Rectangular Power Connectors(1178)



Wire-to-Board Headers & Receptacles (677)

Customers Also Bought



TE Part #147694-1
FSM8JRT=SWITCH,PUSHBUTTON, TACT



TE Part #202236-4
III+ PIN,SOLTAB,TIN-LEAD,SMPAC



TE Part #2-520335-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #3-640426-2
02P MTA156 CONN ASSY 18AWG ORA



TE Part #3-640440-5
05P MTA100 CONN ASSY 22AWG RED



TE Part #776487-1
AS16,PLUG ASSY,ST,04P,N SEAL, CODE A



TE Part #7-1393250-3
W28-XT1A-8=W28



TE Part #1-1609112-4
15CBE1=F8274



TE Part #1924580-2
ASSEMBLY SOCKET LOOSE PC NICKE



TE Part #6609037-3
3EP7=F7171 S0

Documents



Product Drawings

[07P MTA156 CONN ASSY 18AWG ORA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-640431-7_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-640431-7_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-640431-7_L.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ENG_DS_82056_MTA_0818.pdf](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Japanese

[Application Specification](#)

English

[MTA 156 Ribbon Cable Connector Assemblies \(English And Spanish\)](#)

English

[MTA 156 Ribbon Cable Connector Assemblies \(English And Spanish\)](#)

Japanese

Agency Approvals

[Agency Approval Document](#)

English