3-644860-7 ✔ ACTIVE

MTA 156

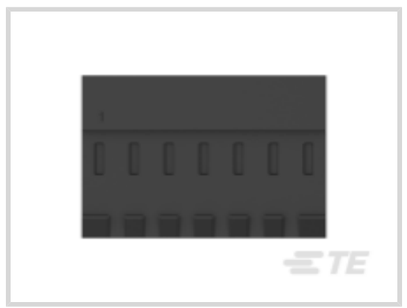
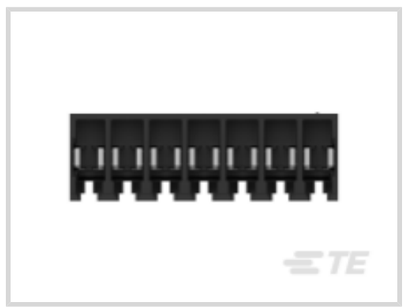
TE Internal #: 3-644860-7

7 Position, Receptacle, Connector Assembly, Insulation Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-0, 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**

Mating Retention Type: **Locking Ramp**

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

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 Cavities	7
Contacts Preloaded	Yes
Number of Positions	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Width	9.02 mm[.355 in]
Connector Height	18.42 mm[.725 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

Shielded	No
Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	CSA, UL

UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-0

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



TE Part # 643464-9
07P MTA156 HDR ASSY W/O#3&6



TE Part # 641112-5
07P MTA156 HDR ASSY W/O#3 & 6



TE Part # 2-647127-7
07P MTA156 SHRD HDR ASSY LF



TE Part # 58247-3
MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 640643-7
07P MTA156 COVER F/T



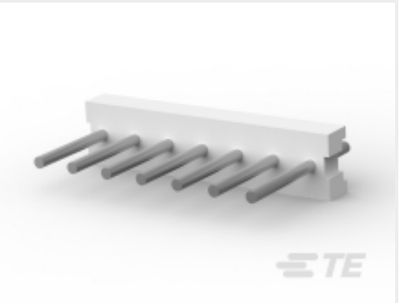
TE Part # 640385-7
07P MTA156 HDR ASSY SQ R/A



TE Part # 641991-2
07P MTA156 HDR ASSY SQ W/O#5



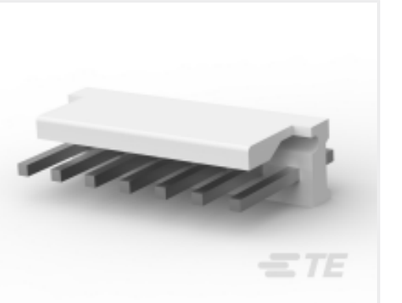
TE Part # 643464-4
07P MTA156 HDR ASSY STR W/O#3



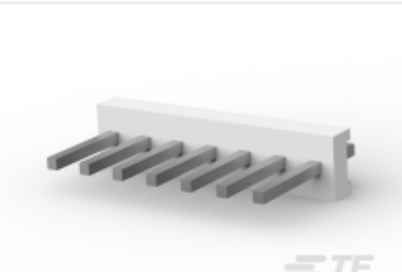
TE Part # 640384-7
07P MTA156 HDR ASSY STR RND SN



TE Part # 640389-7
07P MTA156 HDR ASSY SQ R/A F/L



TE Part # 640445-7
07P MTA156 HDR ASSY FL/STR SN



TE Part # 640383-7
07P MTA156 HDR ASSY STR SQ SN



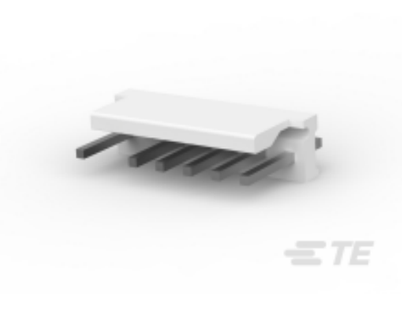
TE Part # 643464-2
07P MTA156 HDR ASSY STR W/O#2



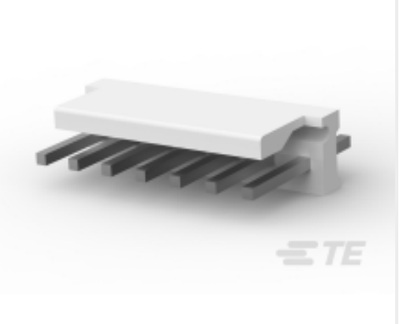
TE Part # 643464-6
07P MTA156 HDR ASSY W/O#2,4,&6



TE Part # 643071-7
07P MTA156 FD-THRU COVER



TE Part # 643464-5
07P MTA156 HDR ASSY STR W/O#6



TE Part # 644752-7
07P MTA156 HDR ASSY SQ STR F/L



TE Part # 2-647125-7
07P MTA156 SHRD HDR ASSY LF

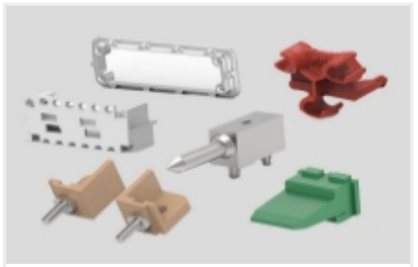


TE Part # 640551-7
07P MTA156 COVER

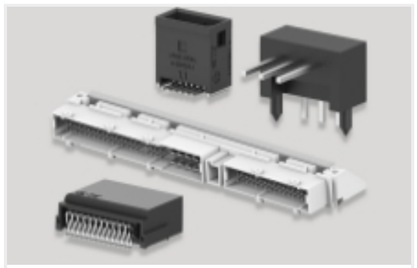
Also in the Series | MTA 156



Connector Contacts(4)



Connector Hardware(2)



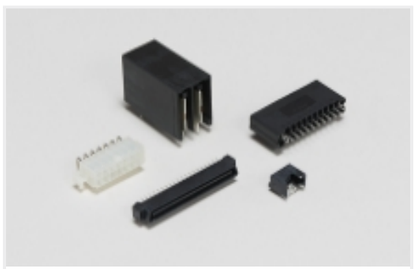
PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



Wire-to-Board Connector Assemblies & Housings(594)

Customers Also Bought



TE Part #34158
TERMINAL,PG R 16-14 6

Documents

Product Drawings

07P MTA156 CONN ASSY 18AWG LF

English

CAD Files

Customer View Model

ENG_CVM_3-644860-7_D.3d_igs.zip

English

Customer View Model

ENG_CVM_3-644860-7_D.3d_stp.zip

English

Customer View Model

ENG_CVM_3-644860-7_D.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644860-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644860-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644860-7_E.3d_stp.zip

English

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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