3-640429-7 ✔ ACTIVE

MTA 156

TE Internal #: 3-640429-7

Connector Assembly, Receptacle, Insulation Displacement (IDC), Wire-to-Board, Tin, Normal, UL 94V-2, MTA 156, Standard Rectangular Connectors

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Locking Ramp**

Features

Packaging Features

Packaging Quantity	250
Packaging Method	Tape

Dimensions

Product Width	9.02 mm[.355 in]
Product Length	27.74 mm[1.092 in]
Connector Height	18.42 mm[.725 in]
Wire Size	24 AWG

Housing Features

Housing Material	Nylon 6/6
Housing Color	White
Centerline (Pitch)	3.96 mm[.156 in]

Configuration Features

Number of Cavities	7
Contacts Preloaded	Yes

Number of Positions	7
Number of Rows	1

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-2

Contact Features

Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A

Mechanical Attachment

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

Product Type Features

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Electrical Characteristics

Operating Voltage	600 VAC

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Low Halogen - Br, Cl, F, I < 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

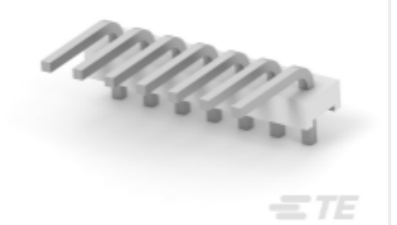
Compatible Parts



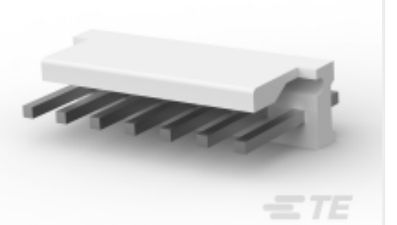
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MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE



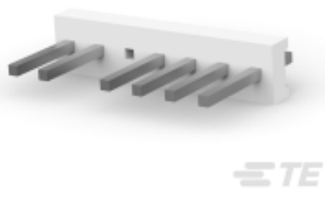
TE Part # 643464-4
07P MTA156 HDR ASSY STR W/O#3



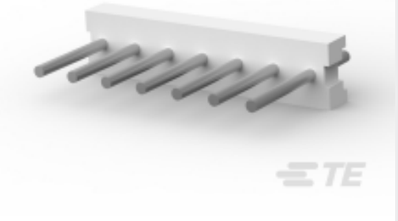
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07P MTA156 HDR ASSY SQ R/A



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



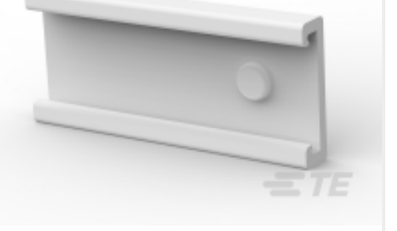
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07P MTA156 HDR ASSY SQ W/O#5



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



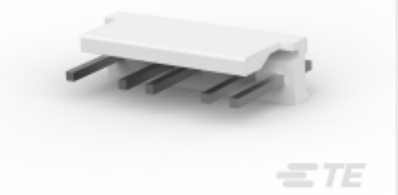
TE Part # 2-647127-7
07P MTA156 SHRD HDR ASSY LF



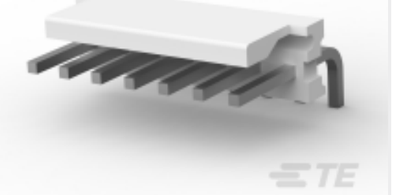
TE Part # 640643-7
07P MTA156 COVER F/T



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



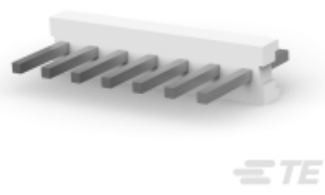
TE Part # 643464-9
07P MTA156 HDR ASSY W/O#3&6



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



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



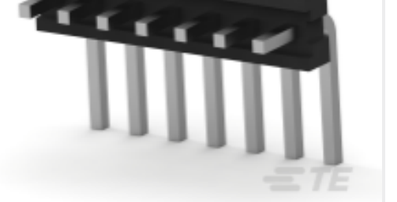
TE Part # 644749-7
07P MTA156 HDR ASSY STR SQ SN



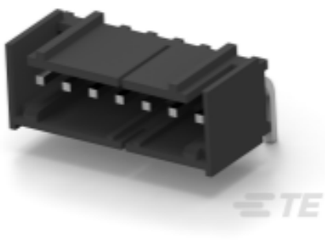
TE Part # 58247-2
MTA 156 CRIMP HEAD PRODUCTION DISCRETE



TE Part # 3-644617-7
07P MTA156 HDR ASY PO RA FB LF



TE Part # 644751-7
07P MTA156 HDR ASSY R/A



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



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



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



TE Part # 640551-7
07P MTA156 COVER

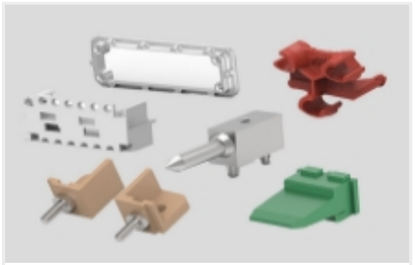
Also in the Series | MTA 156



Connector Caps & Covers(89)



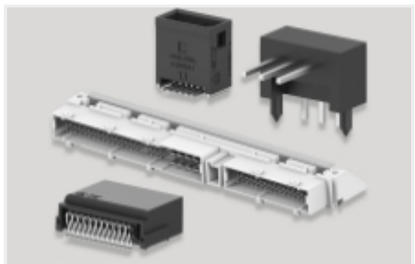
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



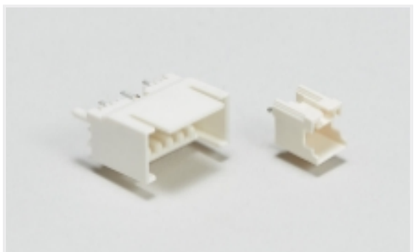
PCB Headers & Receptacles(677)



Power Contacts(3)

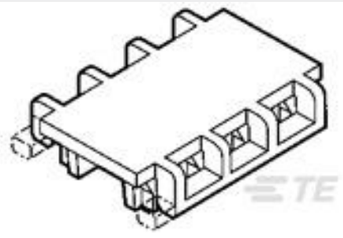


Rectangular Power Connectors(331)



Wire-to-Board Headers & Receptacles (677)

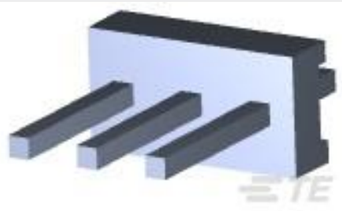
Customers Also Bought



TE Part #643077-6
06P MTA100 MOLDED COVER F/T



TE Part #3-640620-6
06P MTA100 CONN ASSY F/T RED



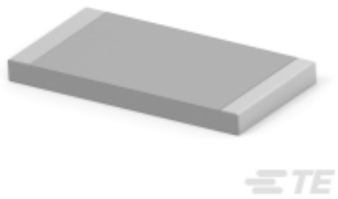
TE Part #640383-3
03P MTA156 HDR ASSY STR SQ SN



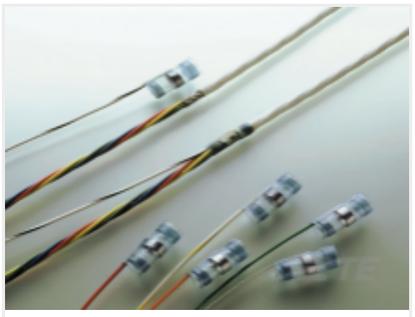
TE Part #9-1437621-9
KLN500B1/8=KNOB KNURL W/IND LI



TE Part #1437622-7
KLN900B1/4=KNOB KNURL W/IND LI



TE Part #1-2176331-9
CRGP 2512 330R 1%



TE Part #A65775-000
B-155-11-35-22-5



TE Part #725996-2
110 FASTON TAB TPBR



TE Part #9-1879501-5
CRGH2512 5% 8K2 2W



TE Part #1879502-1
CRGH2512 5% 13K 2W

Documents

Product Drawings

07P MTA156 CONN ASSY 24AWG WHT

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_3-640429-7_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_3-640429-7_S.3d_igs.zip

English

Customer View Model

ENG_CVM_3-640429-7_S.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-640429-7_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-640429-7_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-640429-7_N.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English