



MTA 156

TE Internal #: 3-647479-9

Connector Assembly, Receptacle, Insulation Displacement (IDC),
Wire-to-Board, MTA 156, Rectangular Wire & Cable Connectors &
Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

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

Configuration Features

Number of Cavities	9
Contacts Preloaded	Yes
Number of Positions	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Orange
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Contact Features

Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold (Au), Gold Flash over Palladium Nickel
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Width	9.78 mm[.385 in]
Connector Height	18.42 mm[.725 in]
Wire Size	18 AWG
Connector Length	35.66 mm[1.404 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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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-2

Packaging Features

Packaging Quantity	250
Packaging Method	Bag/Box

Product Compliance

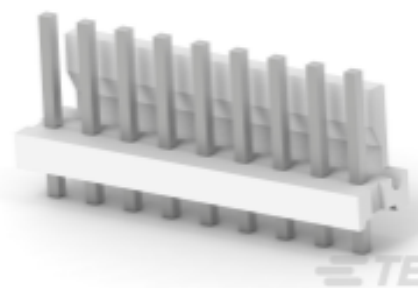
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

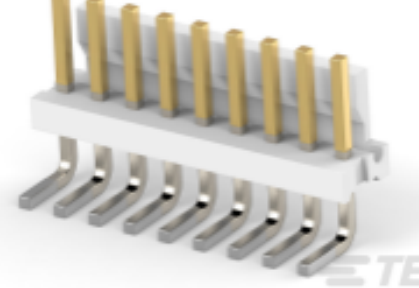
Product Compliance Disclaimer

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>

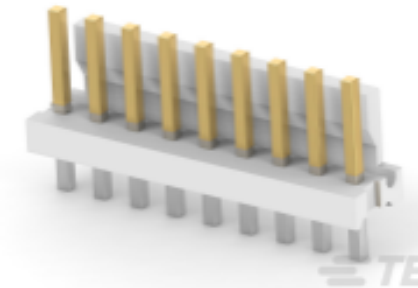
Compatible Parts



TE Part # 3-641119-9
09P MTA156 HDR ASSY FL/ST LF



TE Part # 3-644768-9
09P MTA156 HDR ASSY F/L SQ LF



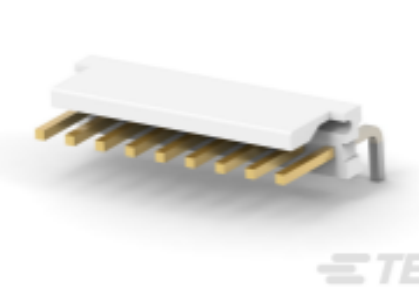
TE Part # 3-644766-9
09P MTA156 HDR ASSY STR SQ LF



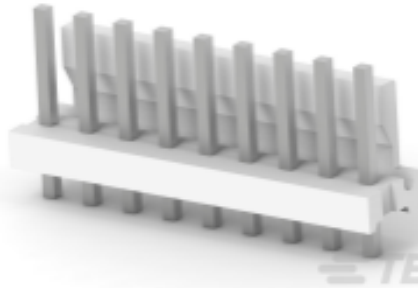
TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



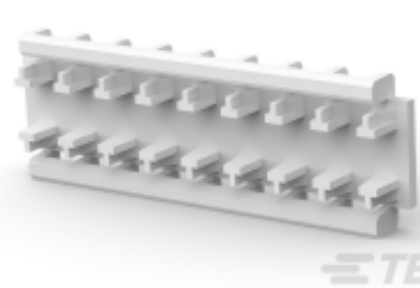
TE Part # 640643-9
09P MTA156 COVER F/T



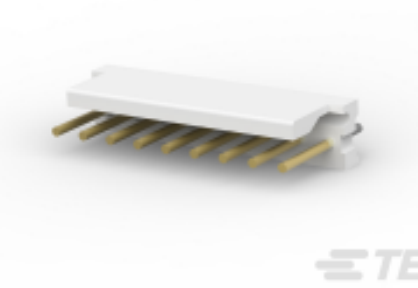
TE Part # 3-641121-9
09P MTA156 HDR ASSY FL/RA LF



TE Part # 641119-9
09P MTA156 HDR ASSY FL/ST 15AU



TE Part # 643071-9
09P MTA156 FD-THRU COVER



TE Part # 3-641120-9
09P MTA156 HDR ASSY FL/ST LF



TE Part # 641936-6
09P MTA156 HDR ASSY F/L W/O#8



TE Part # 641936-1
09P MTA156 HDR SQ STR SN SPCL



TE Part # 643067-9
09P MTA156 MOLDED COVER



TE Part # 641936-3
09P MTA156 HDR ASSY W/O 4 PINS



TE Part # 640551-9
09P MTA156 COVER



TE Part # 641936-8
09P MTA156 HDR ASSY OMIT #4,8

Also in the Series | **MTA 156**



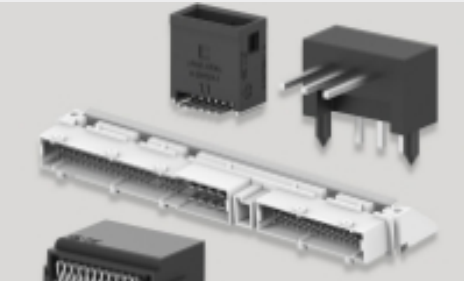
Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



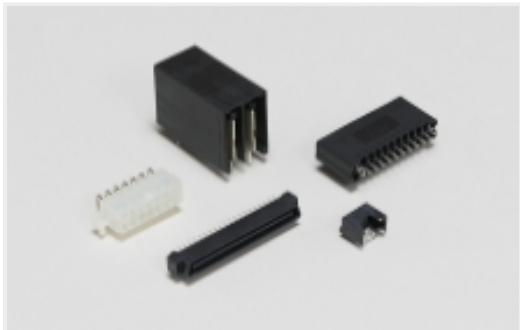
PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)

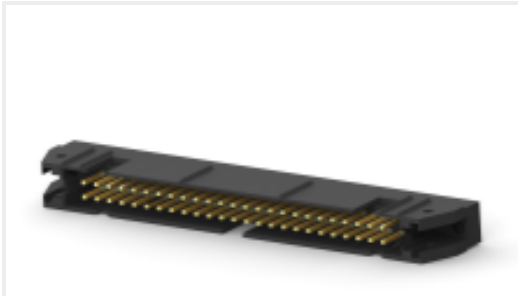


Standard Rectangular Connectors(667)

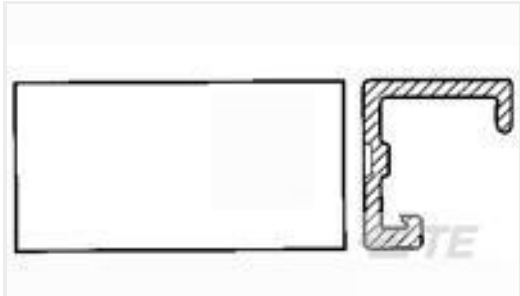
Customers Also Bought



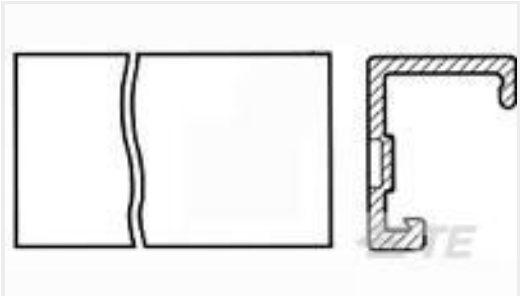
TE Part #3-643818-8
08P MTA156 CONN ASSY 20AWG YEL



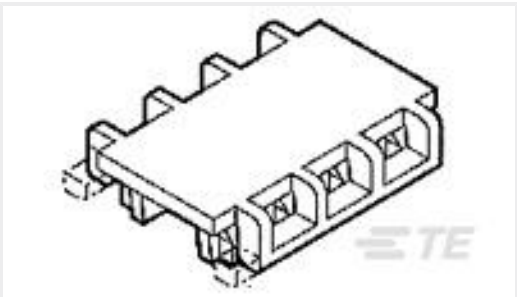
TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part #640550-9
09P MTA100 COVER



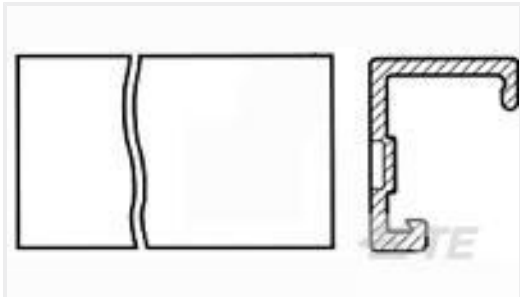
TE Part #640551-9
09P MTA156 COVER



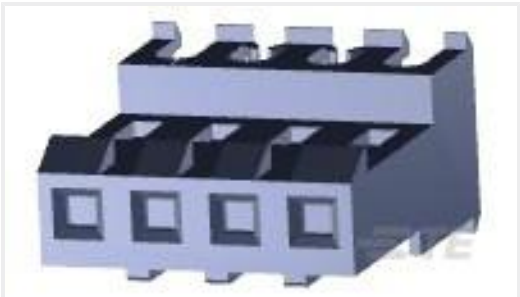
TE Part #643071-4
04P MTA156 FD-THRU COVER



TE Part #1571079-7
PRASD3-16F-BB000=POWER ROCKER



TE Part #640551-2
02P MTA156 COVER



TE Part #3-641227-4
04P MTA156 CONN ASSY 18AWG LF



TE Part #3-640601-9
09P MTA156 CONN ASSY 22AWG LF

Documents

Product Drawings

09P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-647479-9_G.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_3-647479-9_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-647479-9_G.3d_stp.zip](#)

English

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

Product Specifications

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

Application Specification

English

Agency Approvals

Agency Approval Document

English