



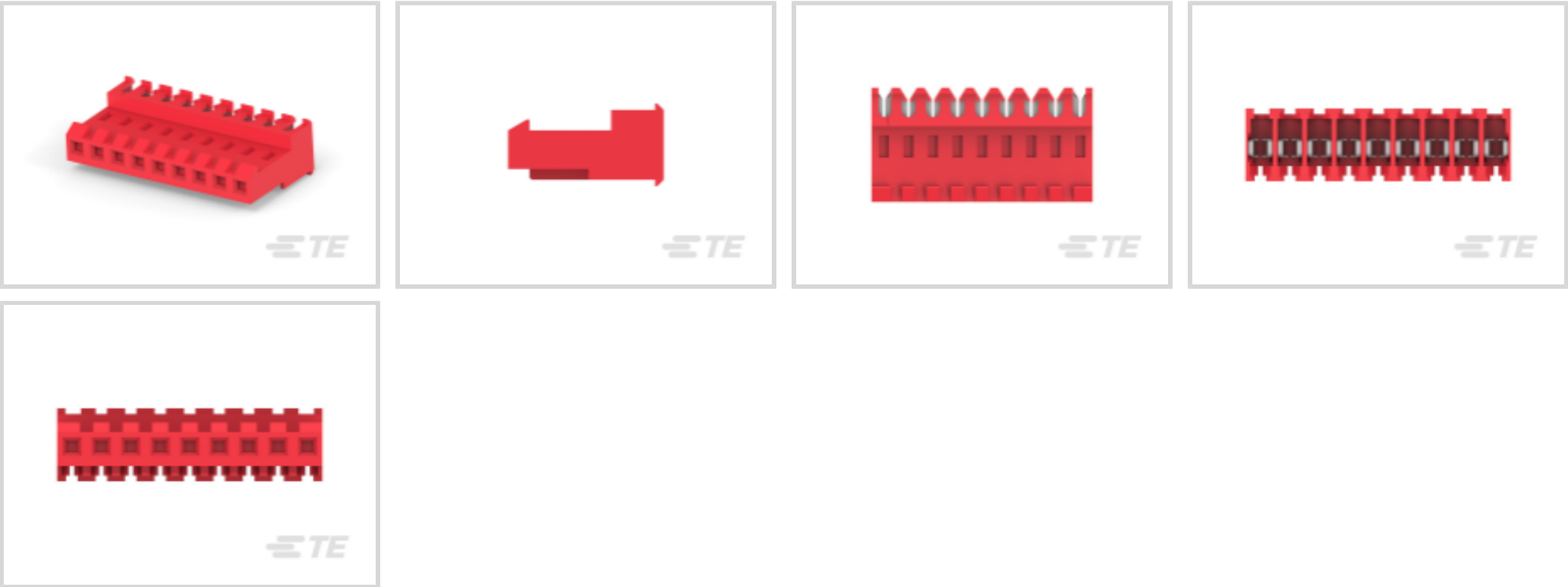
MTA 156

TE Internal #: 3-640601-9

Connector Assembly, Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-to-Board, Tin, Normal, 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

Product Type Features

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
Compatible With Discrete Wire Type	Stranded

Mechanical Attachment

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

Termination Features



Termination Method to Wire & Cable	Insulation Displacement (IDC)
Operation/Application	
Shielded	No
Circuit Application	Signal
Contact Features	
Contact Mating Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Receptacle
Industry Standards	
UL Flammability Rating	UL 94V-2
Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
Configuration Features	
Number of Positions	9
Number of Rows	1
Number of Cavities	9
Contacts Preloaded	Yes
Housing Features	
Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon
Housing Color	Red
Electrical Characteristics	
Operating Voltage	600 VAC
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Other	
EU RoHS Compliance	Compliant



EU ELV Compliance	Compliant
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Dimensions

Product Width	9.78 mm[.385 in]
Product Length	35.66 mm[1.404 in]
Connector Height	18.42 mm[.725 in]
Wire Size	22 AWG

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

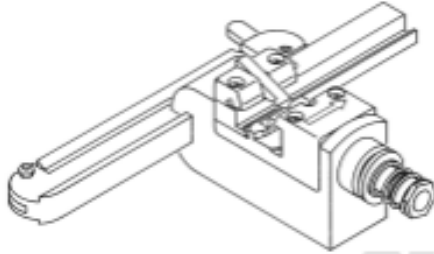
Compatible Parts



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



TE Part # 59804-1
MAINTENANCE TOOL



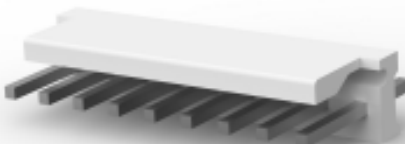
TE Part # 58443-1
MTA 156 CRIMP HEAD PRODUCTION
FEED THRU



TE Part # 640389-9
09P MTA156 HDR ASSY SQ R/A F/L



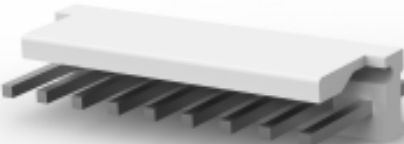
TE Part # 640388-9
09P MTA156 HDR ASSY RN STR F/L



TE Part # 644752-9
09P MTA156 HDR ASSY SQ STR F/L



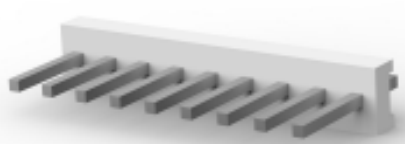
TE Part # 640643-9
09P MTA156 COVER F/T



TE Part # 640445-9
09P MTA156 HDR ASSY FL/STR SN



TE Part # 3-644615-9
09P MTA156 POL HDR ASSY LF



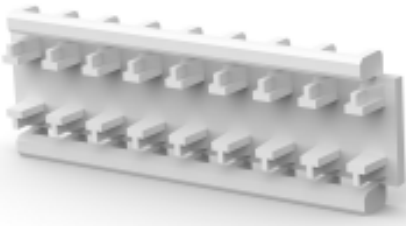
TE Part # 640383-9
09P MTA156 HDR ASSY STR SQ SN



TE Part # 640551-9
09P MTA156 COVER



TE Part # 643067-9
09P MTA156 MOLDED COVER



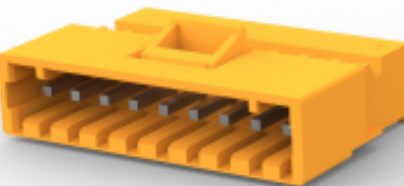
TE Part # 643071-9
09P MTA156 FD-THRU COVER



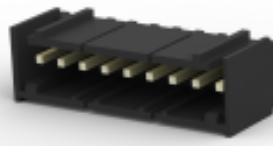
TE Part # 640385-9
09P MTA156 HDR ASSY SQ R/A



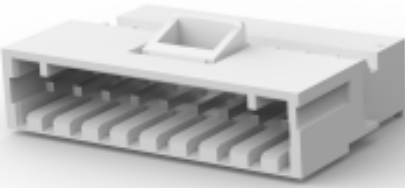
TE Part # 640384-9
09P MTA156 HDR ASSY STR RND SN



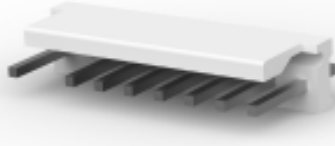
TE Part # 3-641435-9
09P MTA156 CONN ASSY ORNG



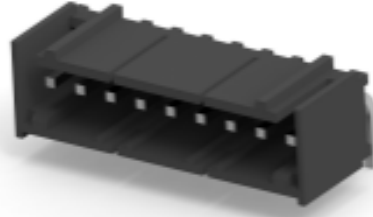
TE Part # 2-647123-9
09P MTA156 SHRD HDR ASSY SQ SN



TE Part # 3-641438-9
09P MTA156 PSTD CONN ASSY WHT



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

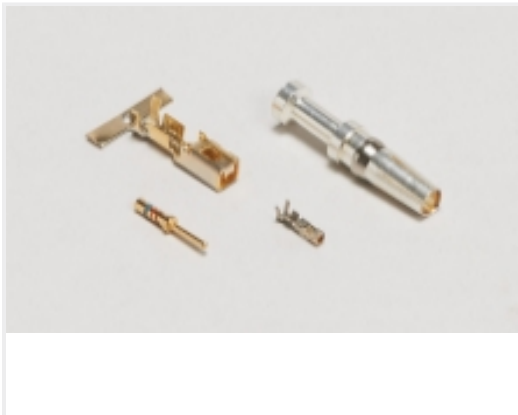


TE Part # 2-647125-9
09P MTA156 SHRD HDR ASSY LF

Also in the Series | [MTA 156](#)



Connector Caps & Covers(89)



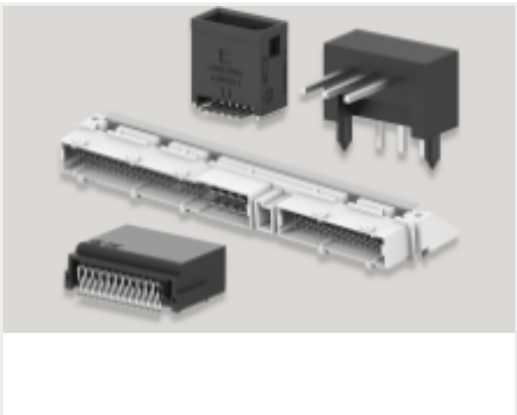
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Rectangular Power Connectors(331)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part #2-5499206-6
AMP-LATCH UNIVERSAL HEADERS



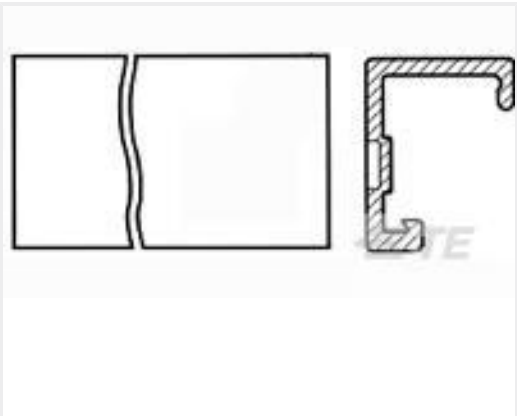
TE Part #205843-1
CPC RECPT ASSEMBLY SIZE 23-63



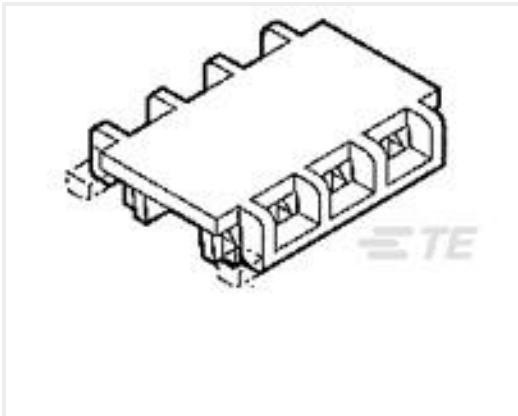
TE Part #1571079-7
PRASD3-16F-BB000=POWER ROCKER



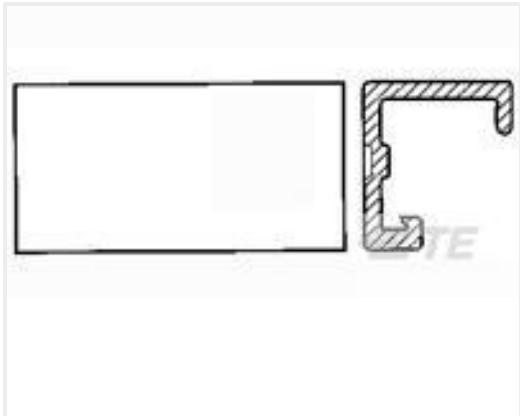
TE Part #3-643818-8
08P MTA156 CONN ASSY 20AWG YEL



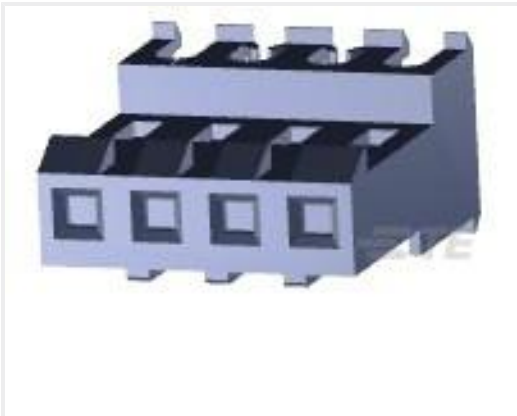
TE Part #640551-9
09P MTA156 COVER



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



TE Part #640550-9
09P MTA100 COVER



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



TE Part #3-647479-9
09P MTA156 CONN ASSY 18AWG ORA

Documents



Product Drawings

09P MTA156 CONN ASSY 22AWG LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-640601-9_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-640601-9_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-640601-9_R.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