3-640477-3 ✔ ACTIVE

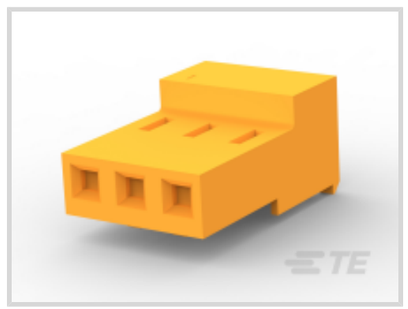
MTA 156

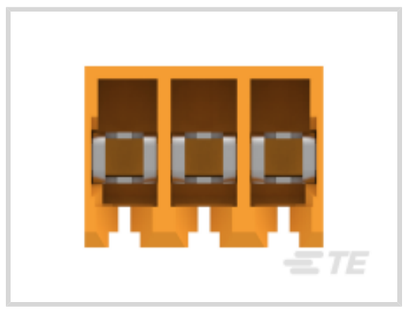
TE Internal #: 3-640477-3

Connector Assembly, Receptacle, Wire-to-Board, 3 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-2, MTA 156, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector 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	3
Number of Power Positions	3
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Cable Exit Angle	90°
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	30 µm[.762 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	With
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Strain Relief	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Contact Retention Type Within Housing	Locking Lance
Mating Retention	Without
Mating Alignment	Without
PCB Mount Alignment	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 Color	Orange

Housing Material	Nylon

Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Product Length	11.89 mm[.468 in]
Connector Height	9.02 mm[.355 in]
Wire Size	.8 – .9 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	1400
Packaging Method	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 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



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



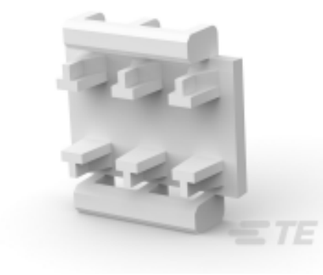
TE Part # 640384-3
03P MTA156 HDR ASSY STR RND SN



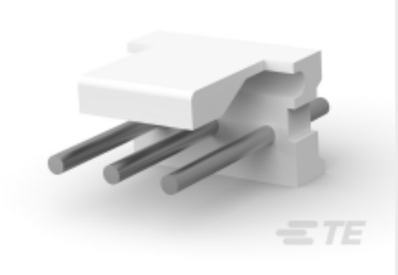
TE Part # 640389-3
03P MTA156 HDR ASSY SQ R/A F/L



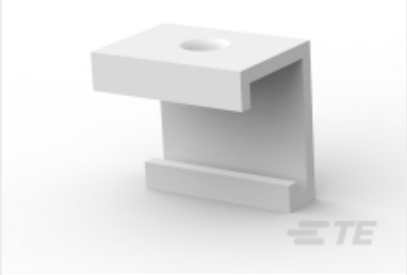
TE Part # 2-647127-3
03P MTA156 SHRD HDR ASSY LF



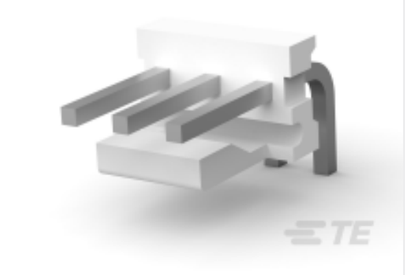
TE Part # 643071-3
03P MTA156 FD-THRU COVER



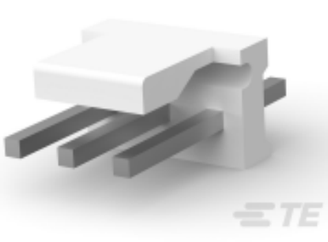
TE Part # 640388-3
03P MTA156 HDR ASSY RN STR F/L



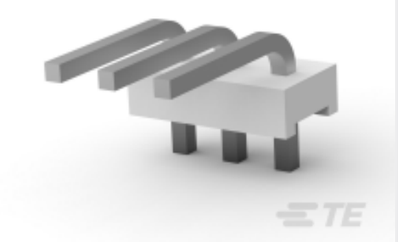
TE Part # 640551-3
03P MTA156 COVER



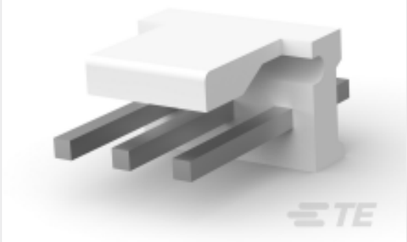
TE Part # 640387-3
03P MTA156 HDR ASSY SQ R/A



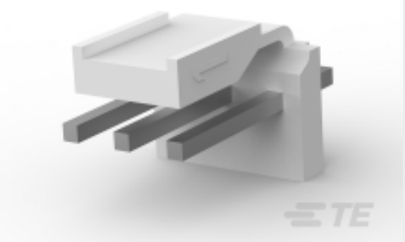
TE Part # 644752-3
03P MTA156 HDR ASSY SQ STR F/L



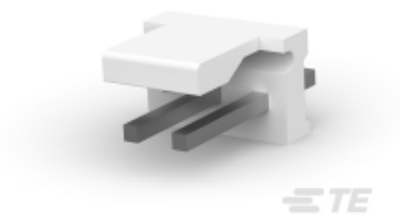
TE Part # 640385-3
03P MTA156 HDR ASSY SQ R/A



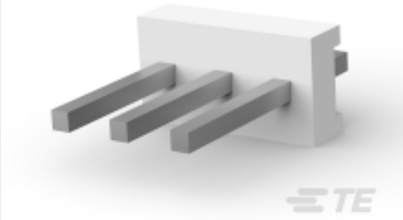
TE Part # 640445-3
03P MTA156 HDR ASSY FL/STR SN



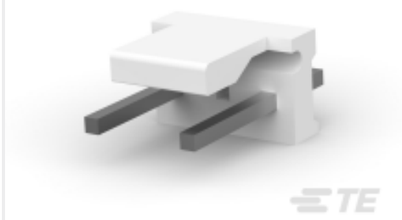
TE Part # 3-644615-3
03P MTA156 POL HDR ASSY LF



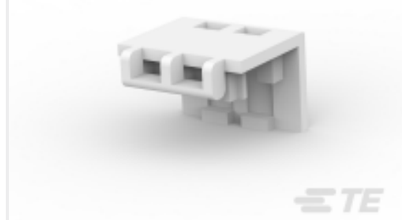
TE Part # 641937-2
03P MTA156 HDR ASSY SQ W/O#3



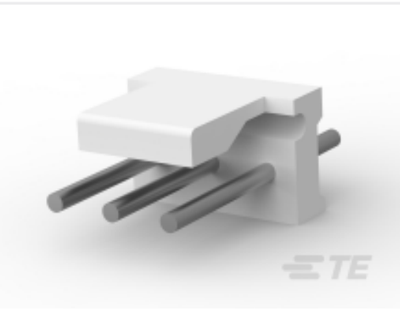
TE Part # 640383-3
03P MTA156 HDR ASSY STR SQ SN



TE Part # 641937-1
03P MTA156 HDR ASSY STR W/O#2



TE Part # 643067-3
03P MTA156 MOLDED COVER



TE Part # 644753-3
03P MTA156 HDR ASSY RN STR F/L



TE Part # 3-644613-3
03P MTA156 HDR RA PO WO PEG LF



TE Part # 644751-3
03P MTA156 HDR ASSY R/A



TE Part # 3-644611-3
03P MTA156 HDR POL WO PEGS LF

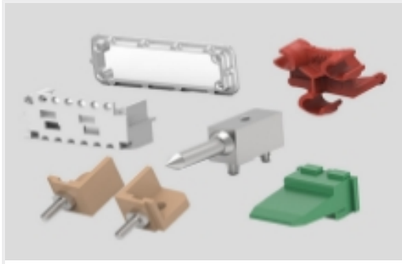
Also in the Series | MTA 156



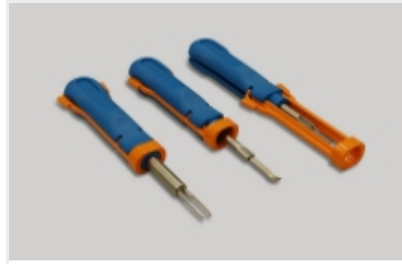
Connector Caps & Covers(89)



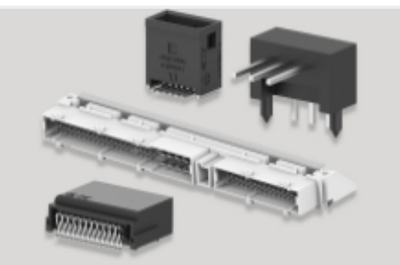
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)

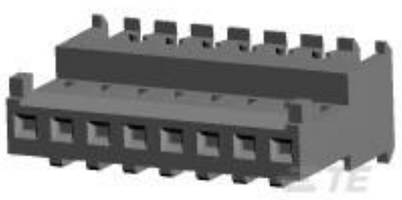


Rectangular Power Connectors(331)

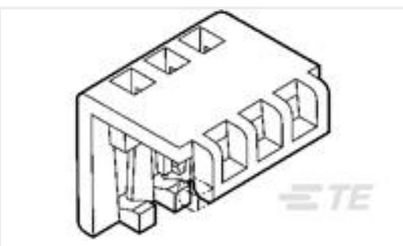


Standard Rectangular Connectors(336)

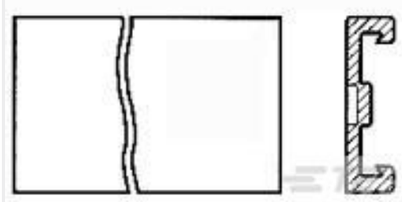
Customers Also Bought



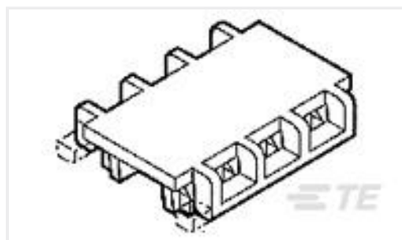
TE Part #3-644540-8
08P MTA100 CONN ASSY F/T POL



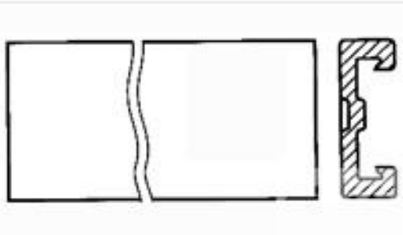
TE Part #643075-6
06P MTA100 MOLDED COVER



TE Part #640643-2
02P MTA156 COVER F/T



TE Part #643071-8
08P MTA156 FD-THRU COVER



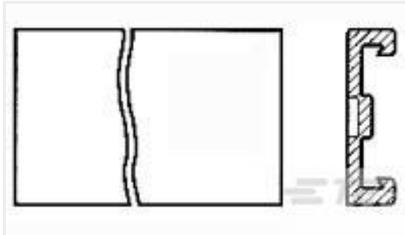
TE Part #640642-4
04P MTA100 COVER F/T



TE Part #3-644878-2
02P MTA156 ASSY ON TAPE LF



TE Part #3-640477-2
02 CIR MTA156 ASSY ON TAPE LF



TE Part #640643-3
03P MTA156 COVER F/T



TE Part #3-644465-8
08P MTA156 CONN ASSY 18AWG ORA



TE Part #3-644878-4
04P MTA156 ASSY ON TAPE LF

Documents

Product Drawings

03P MTA156 ASSY ON TAPE LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-640477-3_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-640477-3_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-640477-3_S.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Agency Approvals

UL

English

UL

English