



MTA 156

TE Internal #: 3-641435-6
6 Position, Plug, Connector Assembly, Insulation Displacement (IDC), Wire-to-Wire, Tin (Sn), UL 94V-2, 3.96 mm [.156 in] Centerline, 1 Row, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Plug**
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	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	1
Number of Power Positions	6

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Orange
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Cable Exit Angle	90 °
Contact Features	
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	50 µm[1.27 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Contact Type	Pin
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
Contact Retention Type Within Housing	Locking Lance
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon
Dimensions	
Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	12.37 mm



Connector Length	27.74 mm
Wire Size	.8 – .9 mm ²

Usage Conditions

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

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Quantity	1100
Packaging Method	Package

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

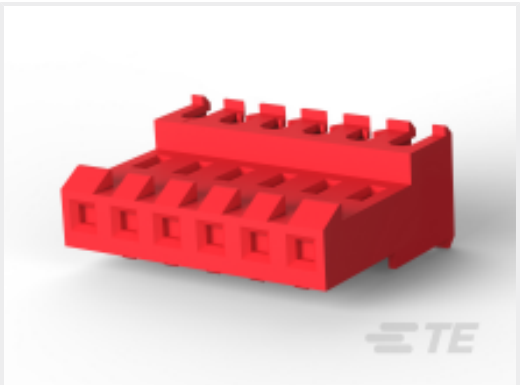
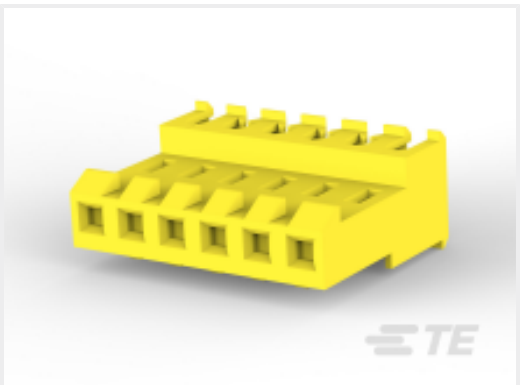
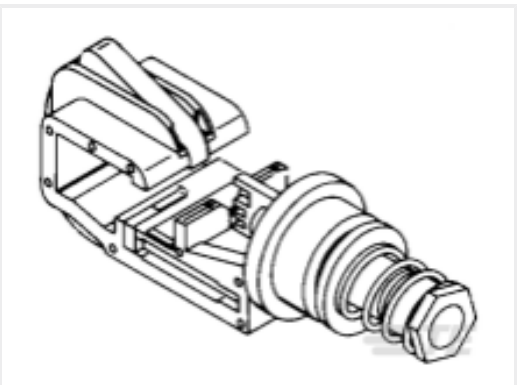
Product Compliance Disclaimer

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 # 3-640427-6 06P MTA156 CONN ASSY 20AWG YEL	 TE Part # 3-640599-6 06P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-640601-6 06P MTA156 CONN ASSY 22AWG LF	 TE Part # 643067-6 06P MTA156 MOLDED COVER
 TE Part # 3-644860-6 06P MTA156 CONN ASSY 18AWG LF	 TE Part # 3-640602-6 06P MTA156 CONN ASSY 24AWG LF	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 640551-6 06P MTA156 COVER
 TE Part # 3-640428-6 06P MTA156 CONN ASSY 22AWG RED	 TE Part # 3-640430-6 06P MTA156 CONN ASSY 26AWG BLU	 TE Part # 3-640600-6 06P MTA156 CONN ASSY 20AWG LF	 TE Part # 58082-1 MTA 156 CRIMP HEAD PRODUCTION POSTED
 TE Part # 640643-6 06P MTA156 COVER F/T	 TE Part # CAT-103156-WBHSM Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156	 TE Part # 3-640426-6 06P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-640429-6 06P MTA156 CONN ASSY 24AWG WHT

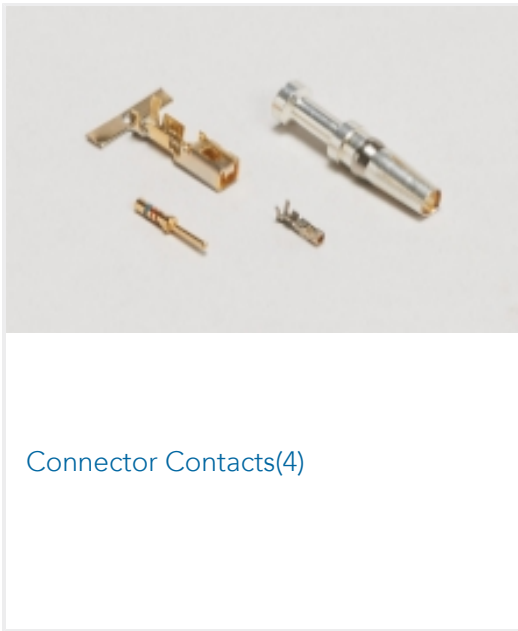


TE Part # 643071-6
06P MTA156 FD-THRU COVER

Also in the Series | MTA 156



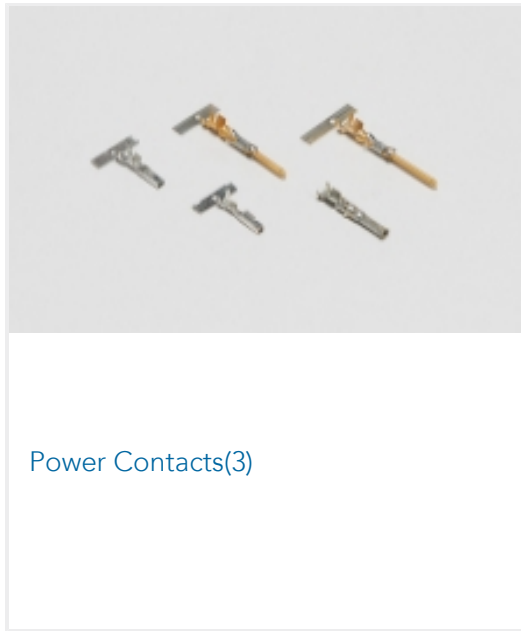
Connector Caps & Covers(89)



Connector Contacts(4)



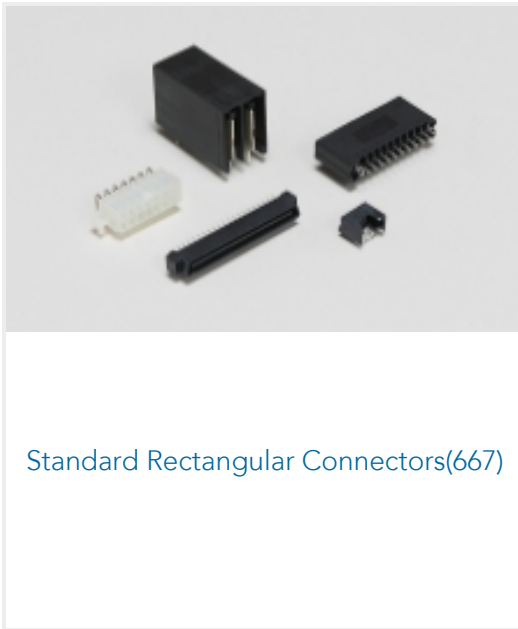
Connector Hardware(2)



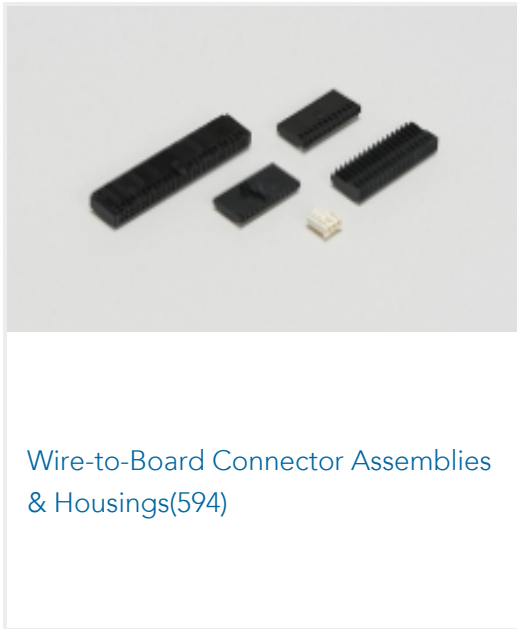
Power Contacts(3)



Rectangular Power Connectors(1178)

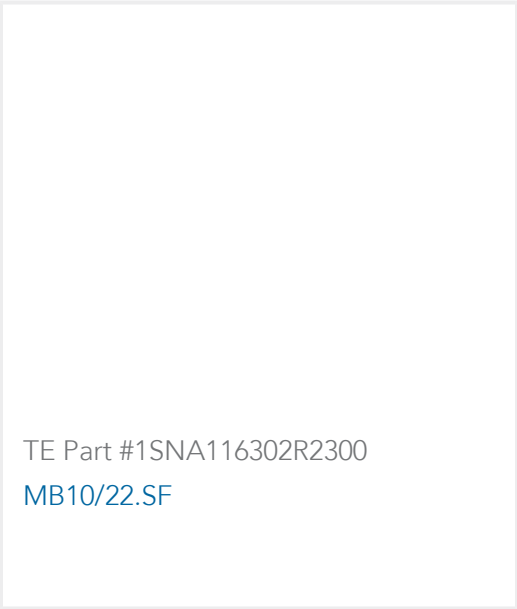


Standard Rectangular Connectors(667)



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

Customers Also Bought



TE Part #1SNA116302R2300
MB10/22.SF



TE Part #53440-1
ELECTRO-TAP, 18-14 AWG RUN&TAP



TE Part #3-640426-9
09P MTA156 CONN ASSY 18AWG ORA



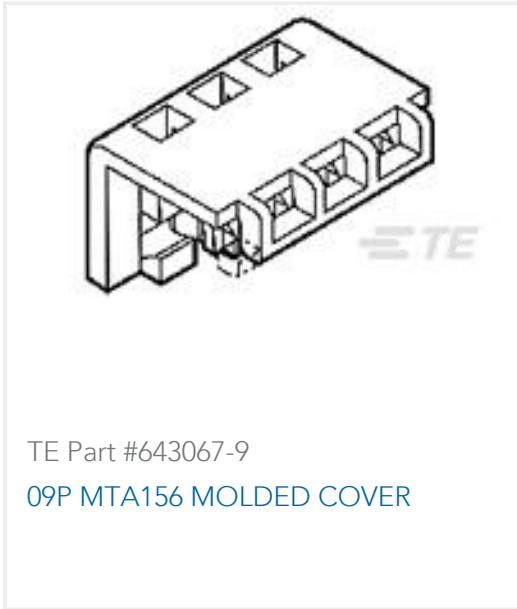
TE Part #640454-9
09P MTA100 HDR ASSY SQ STR POL



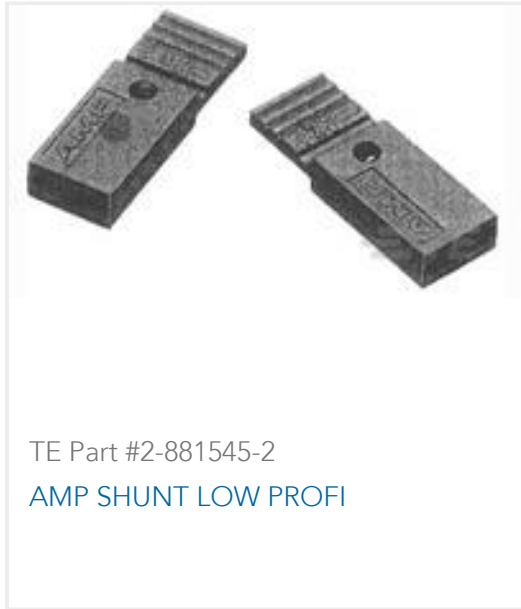
TE Part #640629-1
MTA156 KEYING PLUG



TE Part #3-641435-3
03P MTA156 CONN ASSY ORNG



TE Part #643067-9
09P MTA156 MOLDED COVER



TE Part #2-881545-2
AMP SHUNT LOW PROFI



Documents

Product Drawings

06P MTA156 CONN ASSY ORNG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-641435-6_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-641435-6_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-641435-6_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

ENG_DS_82056_MTA_0818.pdf

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English