



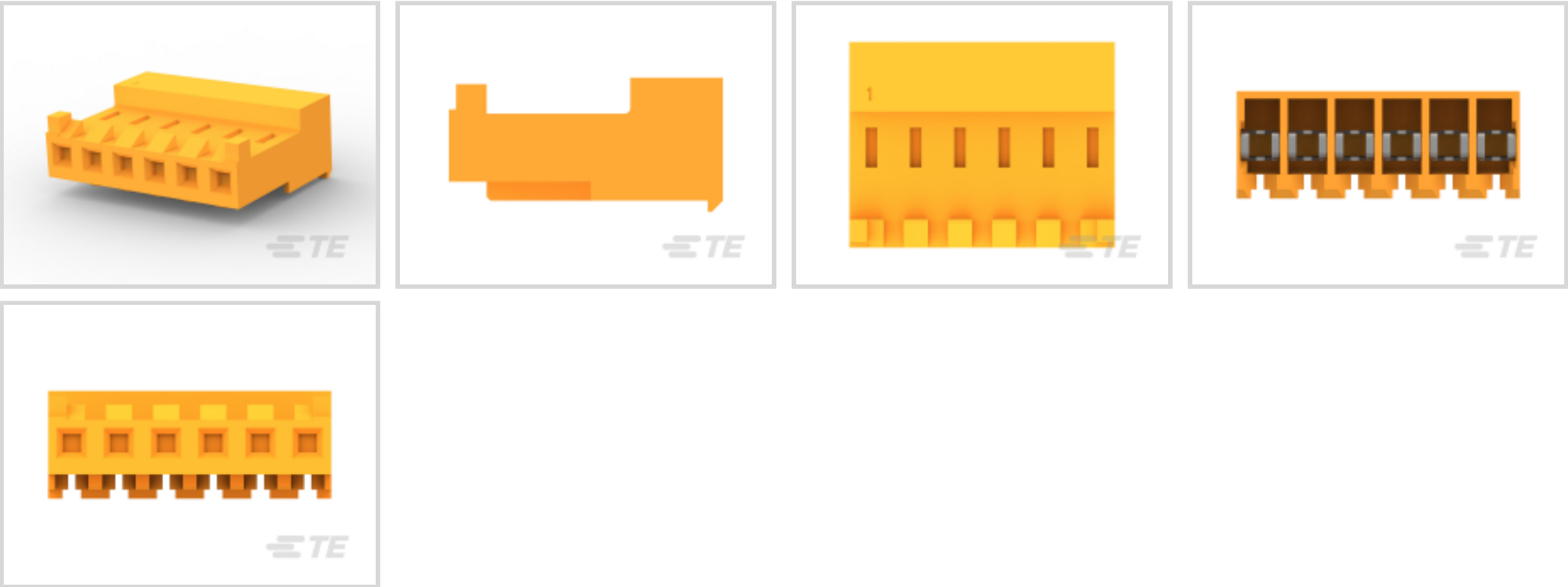
MTA 156

TE Internal #: 3-644460-6

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: **Polarizing Tab**
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
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Cable Exit Angle	90°
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Primary Product Color	Orange
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.77 µm[1.27 – 1.77 µin]
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.076 µm[3 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	.38 µm[15 µin]
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

Strain Relief	With
Panel Mount Feature	Without
Contact Retention Type Within Housing	Locking Lance
Mating Alignment	With
Mating Alignment Type	Polarizing Tab
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	9.02 mm[.355 in]
Wire Size	18 AWG



Connector Length

23.77 mm[.936 in]

Usage Conditions

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Industry Standards

Compatible With Agency/Standards Products

CSA, UL

UL Rating

Recognized

Compatible With Approved Standards Products

UL E28476

CSA Rating

Certified, LR 7189

Glow Wire Rating

Standard Part - Not Glow Wire

UL Flammability Rating

UL 94V-2

Packaging Features

Packaging Quantity

250

Packaging Method

Bag

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



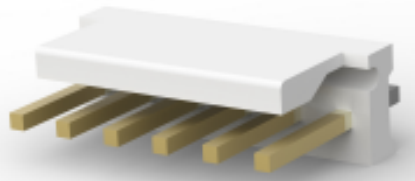
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 3-644759-6 06P MTA156 HDR ASSY STR LF	 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 3-644761-6 06P MTA156 HDR ASSY R/A F/L LF	 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE
 TE Part # 643067-6 06P MTA156 MOLDED COVER	 TE Part # 3-641202-6 06P MTA156 HDR ASSY PL 30AU LF	 TE Part # 3-641209-6 06P MTA156 HDR ASSY FL ST LF	 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE
 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 3-641210-6 06P MTA156 HRD FL RA FB 30AU	 TE Part # 641318-3 06CIR MTA156 R/A HDR ASY W/O#3	 TE Part # 3-641208-6 06P MTA156 HDR ASSY FL ST LF
 TE Part # 3-644760-6 06P MTA156 HDR ASSY FL ST LF	 TE Part # 640551-6 06P MTA156 COVER	 TE Part # 643071-6 06P MTA156 FD-THRU COVER	 TE Part # 640643-6 06P MTA156 COVER F/T



TE Part # 58247-1
MTA 156 CRIMP HEAD REPAIR
DISCRETE



TE Part # 641208-6
06P MTA156 HDR ASSY FL ST 30AU

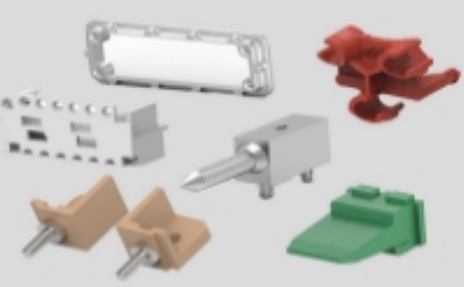
Also in the Series | MTA 156



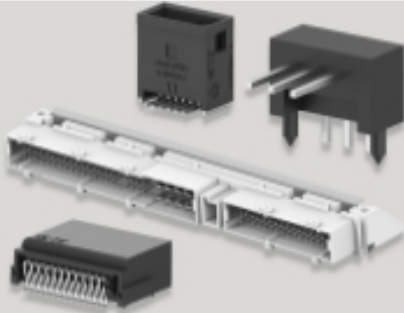
Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)

Customers Also Bought



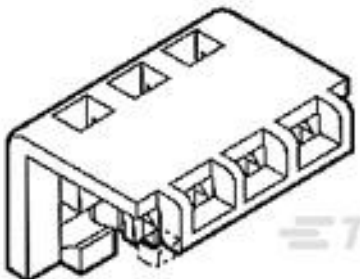
TE Part #3-641217-3
03P MTA156 CONN ASSY 18AWG
ORA



TE Part #3-644463-4
04P MTA156 CONN ASSY 22AWG RED



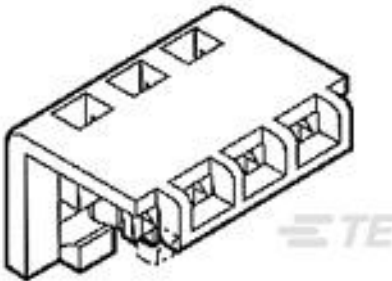
TE Part #3-641239-3
03P MTA100 CONN ASSY BLU LF



TE Part #643067-4
04P MTA156 CMOLDED COVER



TE Part #3-644020-8
08P MTA100 CONN ASSY 30AU



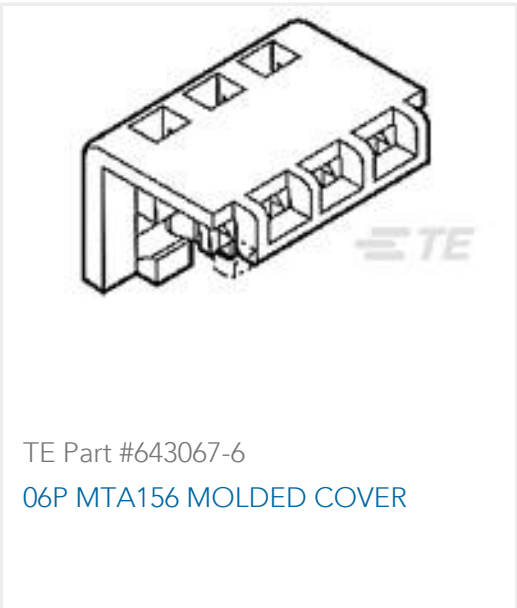
TE Part #643067-3
03P MTA156 MOLDED COVER



TE Part #3-644460-7
07P MTA156 CONN ASSY 18AWG
ORA



TE Part #3-644460-2
02P MTA156 CONN ASSY 18AWG
ORA



Documents

Product Drawings

06P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644460-6_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644460-6_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644460-6_N.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

UL

English