

4-640431-2 ✓ ACTIVE

## MTA 156

TE Internal #: 4-640431-2

12 Position, Receptacle, Connector Assembly, Insulation

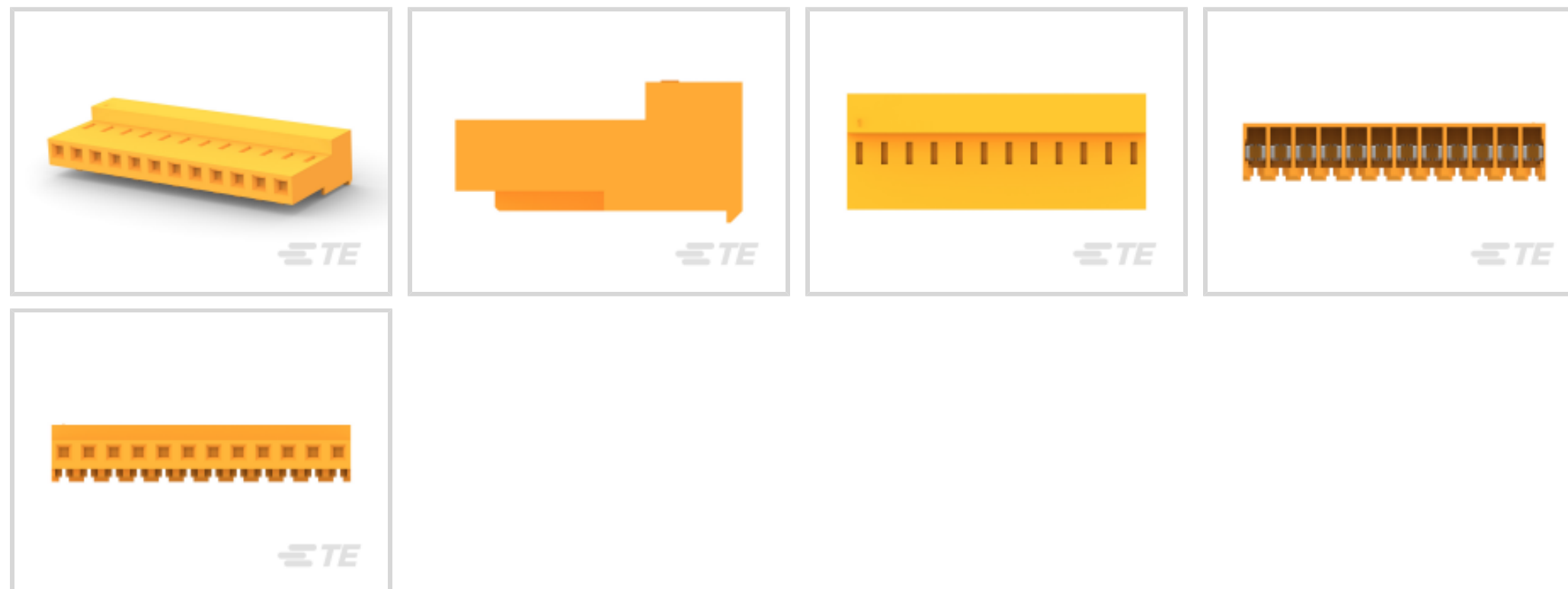
Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-2, 3.96 mm [

156 in] Centerline, MTA 156

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Mating Alignment: **Without**

Connector & Housing Type: **Receptacle**

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

Contact Mating Area Plating Material: **Tin (Sn)**

### 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 Positions	12
Number of Rows	1
Number of Power Positions	12

#### Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

#### Body Features

Primary Product Color	Orange
-----------------------	--------



Cable Exit Angle	90 °
------------------	------

### Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 – 5.08 µm[80 – 200 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 5.08 µm[80 – 200 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	Without
Mating Retention	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 Material	Nylon

### Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	9.02 mm[.355 in]
Connector Length	47.55 mm[1.872 in]
Wire Size	.8 – .9 mm <sup>2</sup>

### Usage Conditions

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

### Operation/Application



Circuit Application

Power

### 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

250

Packaging Method

Box &amp; Carton

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 # 1-643071-2  
12P MTA156 FD-THRU COVER



TE Part # 1-640385-2  
12P MTA156 HDR ASSY SQ R/A



TE Part # 1-640389-2  
12P MTA156 HDR ASSY SQ R/A F/L



TE Part # 4-644615-2  
12P MTA156 POL HDR ASSY LF



TE Part # 641876-3  
12P MTA156 HDR ASSY FL STR SN



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



TE Part # 1-644751-2  
12P MTA156 HDR ASSY R/A



TE Part # 1-640643-2  
12P MTA156 COVER F/T



TE Part # 1-644753-2  
12P MTA156 HDR ASSY RN STR F/L



TE Part # 58247-2  
MTA 156 CRIMP HEAD PRODUCTION DISCRETE



TE Part # 1-640387-2  
12P MTA156 HDR ASSY SQ R/A



TE Part # 59804-1  
MAINTENANCE TOOL



TE Part # 1-640383-2  
12P MTA156 HDR ASSY STR SQ SN



TE Part # 1-640384-2  
12P MTA156 HDR ASSY STR RND SN



TE Part # 1-640445-2  
12P MTA156 HDR ASSY FL/STR SN



TE Part # 3-647125-2  
12P MTA156 SHRD HDR ASSY LF



TE Part # 4-647615-2  
12P MTA156 POL LOCK HDR ASSY LF



TE Part # 4-644617-2  
12P MTA156 HDR ASSY PO RA FB LF



TE Part # 1-640551-2  
12P MTA156 COVER



TE Part # 1-643067-2  
12P MTA156 MOLDED COVER

## Also in the Series | **MTA 156**



Connector Contacts(4)



Connector Hardware(2)



PCB Headers & Receptacles(677)



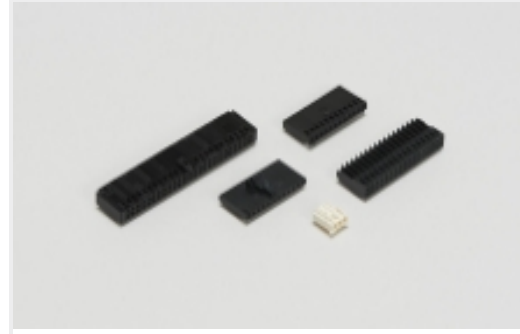
Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



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

## Customers Also Bought



TE Part #6641710001  
TMS-SCE-1/4-2.0-9



TE Part #2-34148-1  
PG R 22-16 COMM 22-18 MIL 8



TE Part #1-178128-3  
DYNAMIC 3200 REC HSG 3P SGL



TE Part #350689-1  
UMNL SOK 24-18 PTPBR L/P



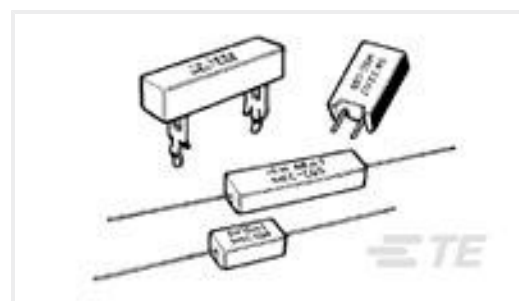
TE Part #4-640426-6  
16P MTA156 CONN ASSY 18AWG  
ORA



TE Part #4-640599-2  
12P MTA156 CONN ASSY 18AWG  
ORA



TE Part #917690-1  
2.5 SIGNAL D/LOCK PLUG HSG 6P



TE Part #1-1623782-9  
SQM5 3K3 5% (METAL FILM)



TE Part #1-1747276-3  
DYNAMIC D4200 REC HSG3P/X



TE Part #1747499-2  
DYNAMIC D4200 REC CONT M/LP

## Documents



### Product Drawings

[12P MTA156 CONN ASSY 18AWG ORA](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-640431-2\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-640431-2\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-640431-2\\_L.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

[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

---

### Agency Approvals

[UL](#)

English