



MTA 156

TE Internal #: 3-644718-2

Connector Assembly, Receptacle, Insulation Displacement (IDC),
Wire-to-Board, 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: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Body Features

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

Packaging Features

Packaging Quantity	500
Packaging Method	Bag/Box

Dimensions

Connector Width	9.78 mm[.385 in]
Connector Height	18.42 mm[.725 in]
Wire Size	18 AWG
Connector Length	7.92 mm[.312 in]

Housing Features

Housing Material	Nylon
Centerline (Pitch)	3.96 mm[.156 in]

Configuration Features

Number of Cavities	2
--------------------	---



Contacts Preloaded	Yes
--------------------	-----

Number of Positions	2
---------------------	---

Number of Rows	1
----------------	---

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
---	---------

UL Rating	Recognized
-----------	------------

Compatible With Approved Standards Products	UL E28476
---	-----------

CSA Rating	LR 7189
------------	---------

UL Flammability Rating	UL 94V-2
------------------------	----------

Contact Features

Contact Underplating Material	Nickel
-------------------------------	--------

Wire Contact Termination Area Plating Material	Tin
--	-----

Contact Type	Receptacle
--------------	------------

Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
--------------------------------------	--

Contact Retention Within Housing	With
----------------------------------	------

Contact Current Rating (Max)	7 A
------------------------------	-----

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
---------------------------------------	---------------

Mating Alignment	With
------------------	------

Mating Alignment Type	Polarization
-----------------------	--------------

Mating Retention	With
------------------	------

Mating Retention Type	Locking Ramp
-----------------------	--------------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Product Type Features

Compatible With Discrete Wire Type	Stranded
------------------------------------	----------

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
-----------------------------------	--------------

Termination Features



Termination Method to Wire & Cable

Insulation Displacement (IDC)

Electrical Characteristics

Operating Voltage

600 VAC

Usage Conditions

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shielded

No

Circuit Application

Power

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

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

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

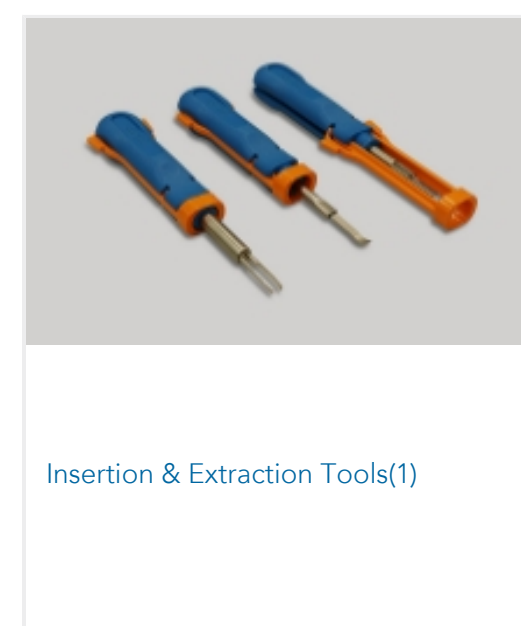
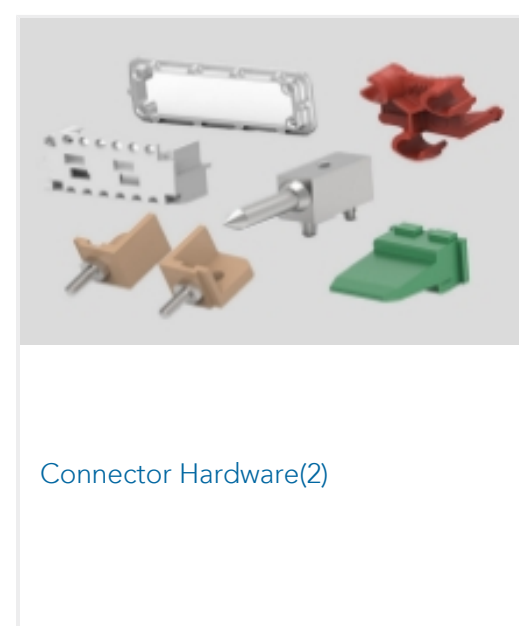
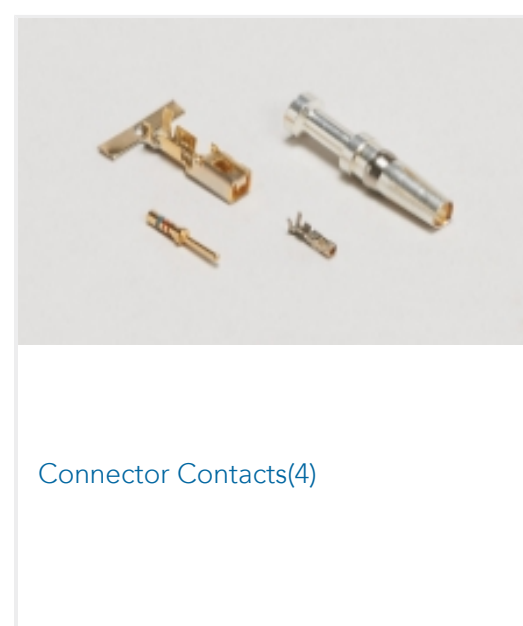
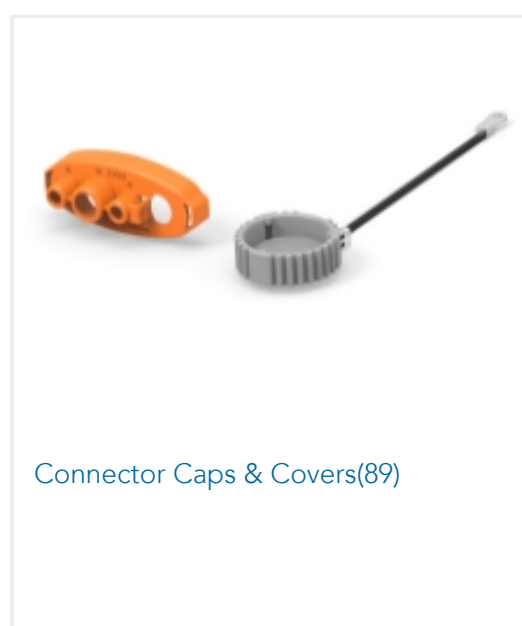
Product Compliance Disclaimer

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



Also in the Series | MTA 156





PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(331)



Wire-to-Board Headers & Receptacles
(677)

Customers Also Bought



TE Part #1-34204-0
SPLICE,PG BUTT 16-14



TE Part #691919-2
CRIMPER INS-MODIFICATION



TE Part #4-456408-1
CRIMPER, WIRE .110F



TE Part #2-87175-0
09 LOCKING CLIP HSG SR .100CL



TE Part #88179-5
020 HOUSING FFC RCPT DR 100CL



TE Part #CAT-104MTA-NGPMR
Nylon Gold Plated Receptacle: 2.54
mm, with Mating Alignment, MTA 100



TE Part #165294
TERM, SOLIS, RT, DIN, 0.5-1.0, M5



TE Part #4-643815-6
16P MTA100 CONN ASSY POL RIB



TE Part #1213905-2
SHEAR, LOWER

Documents

Product Drawings

[02P MTA156 CONN ASSY 18AWG ORA](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_3-644718-2_M.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_3-644718-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644718-2_M.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