



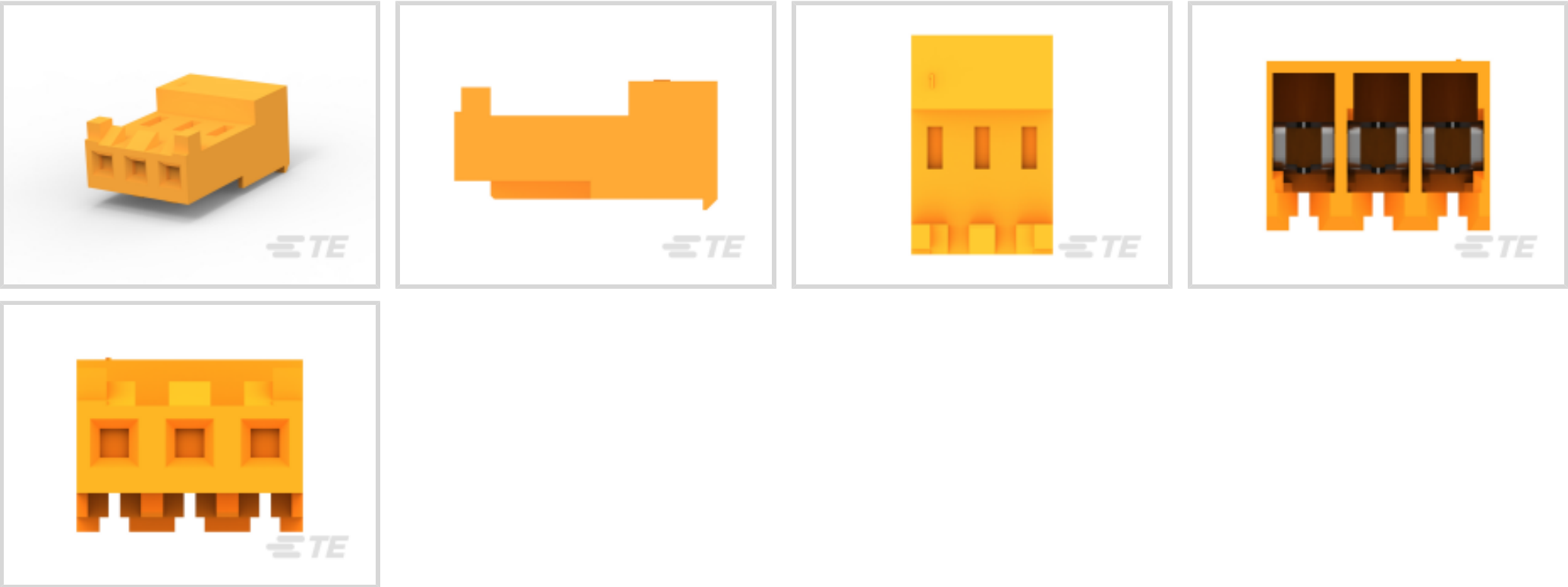
MTA 156

TE Internal #: 3-644878-3

Connector Assembly, Receptacle, Insulation Displacement (IDC),
Wire-to-Board, Tin (Sn), 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 Signal Positions	0
Number of Power Positions	3
Number of Positions	3
Number of Rows	1

Electrical Characteristics

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

Body Features



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

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

Contact Features

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

Contact Underplating Material Thickness	30 μm[.762 μin]
---	-----------------

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

Contact Mating Area Plating Material Thickness	2.03 μm[80 μin]
--	-----------------

Contact Layout	Inline
----------------	--------

Contact Base Material	Copper Alloy
-----------------------	--------------

Wire Contact Termination Area Plating Thickness	2.03 – 5.08 μm[80 – 200 μin]
---	------------------------------

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

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

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	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	11.89 mm[.468 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	1400
Packaging Method	Reel

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

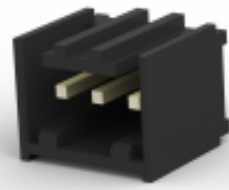
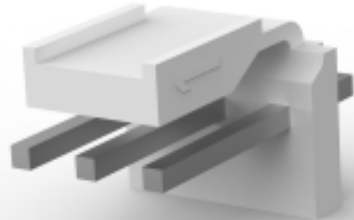
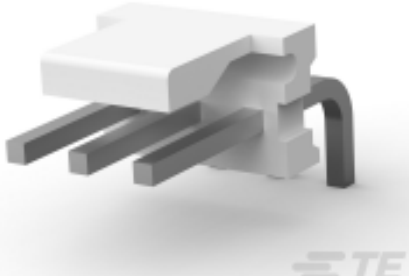
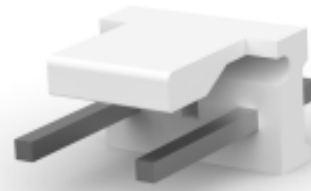
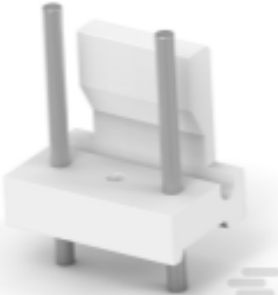
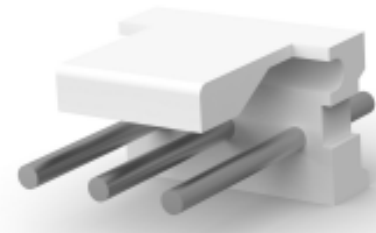
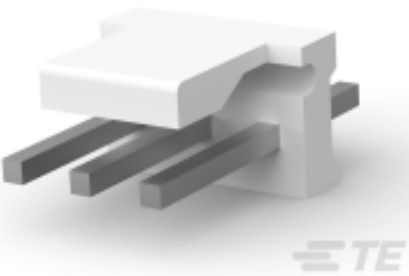
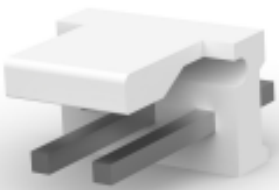
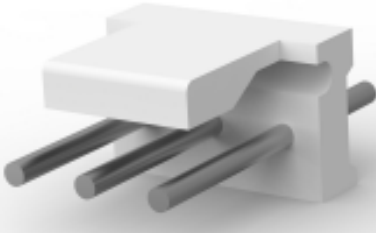
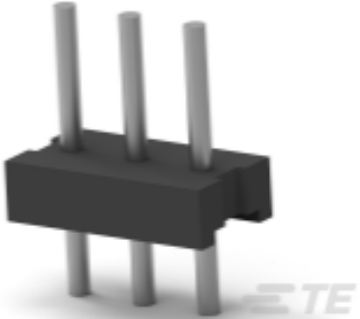
Product Compliance Disclaimer

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 # 3-644755-3 03P MTA156 HDR ASSY SQ RARB F/L	 TE Part # 2472633-1 03P MTA156 HDR ASSY W/O#2 LF W/ CHMFR	 TE Part # 2-647127-3 03P MTA156 SHRD HDR ASSY LF	 TE Part # 3-644615-3 03P MTA156 POL HDR ASSY LF
 TE Part # 640389-3 03P MTA156 HDR ASSY SQ R/A F/L	 TE Part # 640385-3 03P MTA156 HDR ASSY SQ R/A	 TE Part # 644749-3 03P MTA156 HDR ASSY STR SQ SN	 TE Part # 641937-1 03P MTA156 HDR ASSY STR W/O#2
 TE Part # 2232324-1 03P MTA156 HDR ASSY W/O#2	 TE Part # 3-644754-3 03P MTA156 HDR ASSY SQ R/A F/L	 TE Part # 2232554-1 03P MTA156 POL HDR ASSY LF	 TE Part # 640388-3 03P MTA156 HDR ASSY RN STR F/L
 TE Part # 644752-3 03P MTA156 HDR ASSY SQ STR F/L	 TE Part # 641937-2 03P MTA156 HDR ASSY SQ W/O#3	 TE Part # 644753-3 03P MTA156 HDR ASSY RN STR F/L	 TE Part # 644750-3 03P MTA156 HDR ASSY STR RND SN



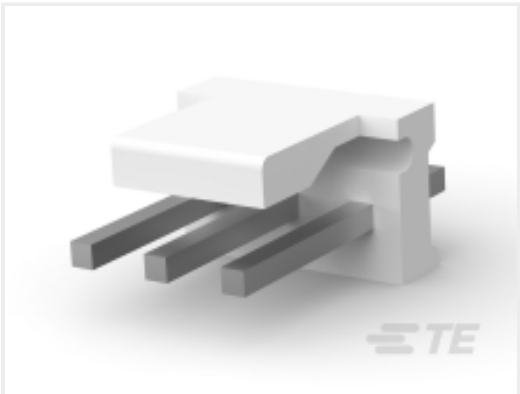
TE Part # 2-647125-3
03P MTA156 SHRD HDR ASSY LF



TE Part # 1744156-3
MTA-156 HDR,POL LOCK,RAFB,TIN,W /PEG,3P



TE Part # 640551-3
03P MTA156 COVER



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

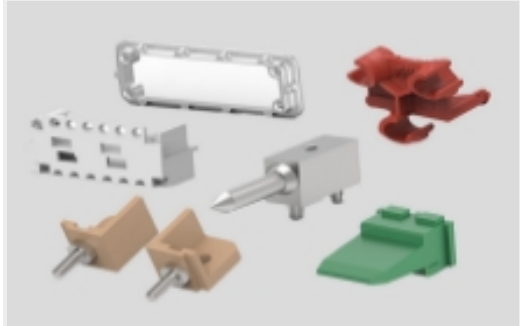
Also in the Series | MTA 156



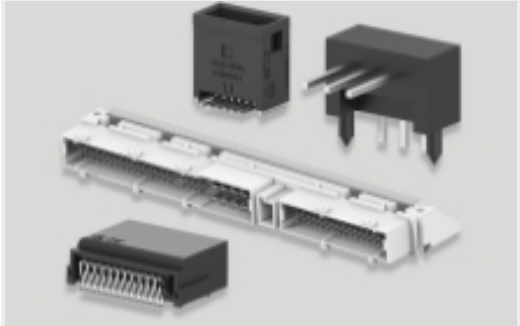
Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)

Customers Also Bought



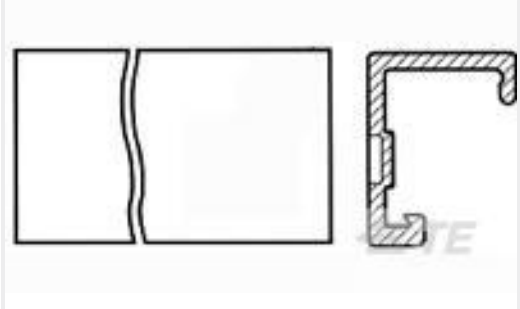
TE Part #3-644878-6
06P MTA156 ASSY ON TAPE LF



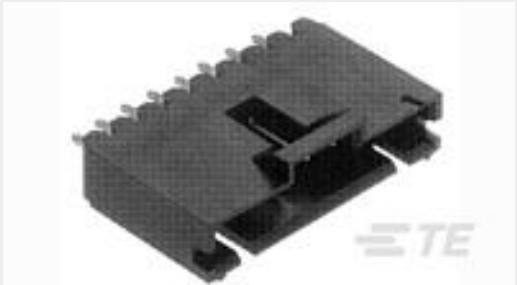
TE Part #3-640442-2
02P MTA100 CONN ASSY BLU



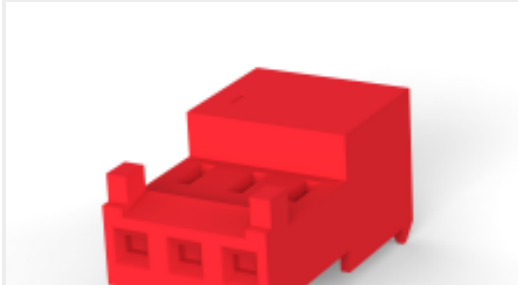
TE Part #1623462-2
CRG1206 1% 22M



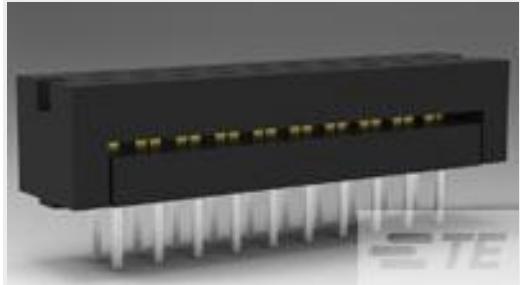
TE Part #640551-3
03P MTA156 COVER



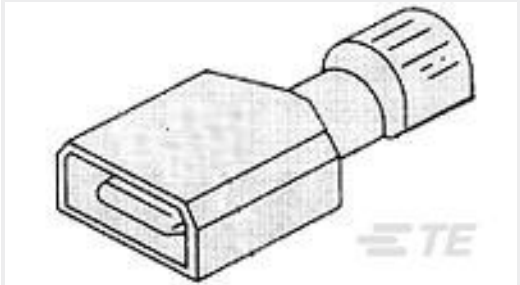
TE Part #5-103735-4
05 MTE HDR SRST LATCH .100CL



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



TE Part #1-746610-5
20 DIP PLUG, 100CL, LEAD FREE



TE Part #2-521361-2
ULTRAFast 187 ASSY TAB 22-18 AWG TPBR



Documents

Product Drawings

03P MTA156 ASSY ON TAPE LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644878-3_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644878-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644878-3_H.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

Agency Approval Document

English