

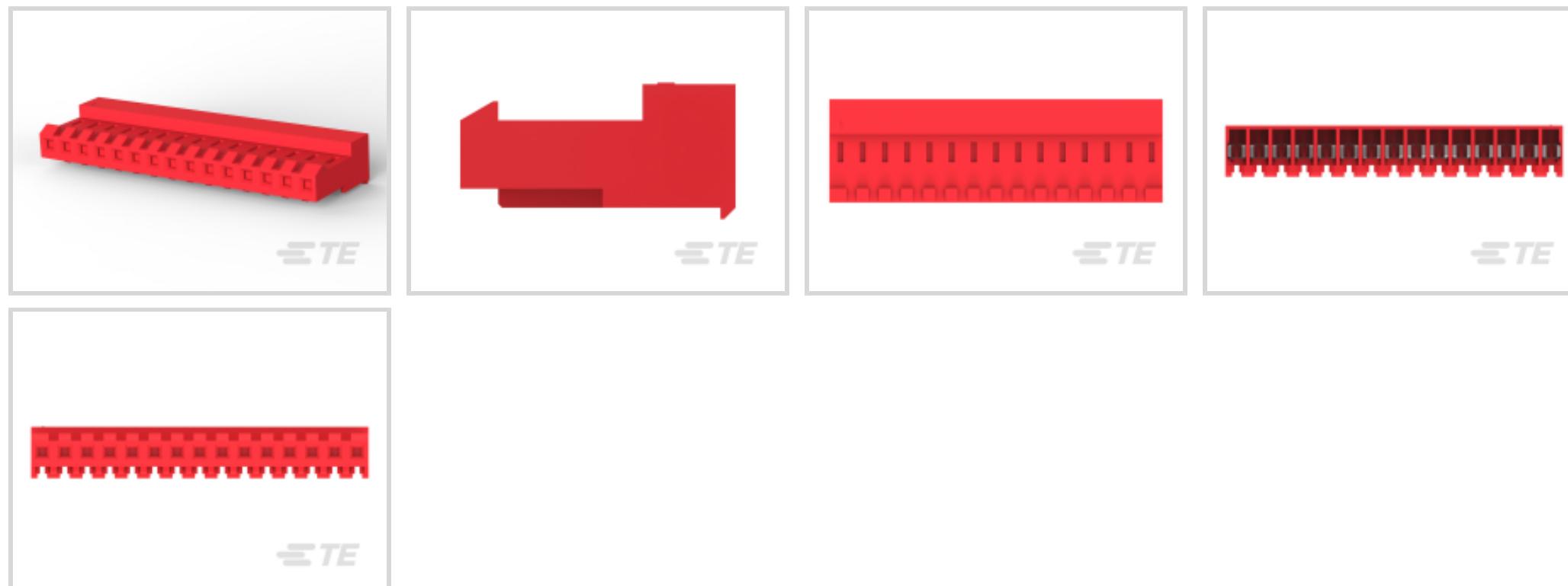
**MTA 156**

TE Internal #: 1-640428-5

TE Internal Description: 15P MTA156 CONN ASSY 22AWG RED

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

Centerline (Pitch): **3.96 mm [.156 in]**

## Features

### Body Features

Cable Exit Angle	90°
Connector Profile	Standard

### Packaging Features

Packaging Quantity	125
Packaging Method	Box & Carton

### Dimensions

Compatible Insulation Diameter Range	2.41 mm [.095 in]
Product Length	59.44 mm [2.34 in]
Connector Height	9.02 mm [.355 in]
Wire Size	.325 mm <sup>2</sup>

### Mechanical Attachment

Strain Relief	With
Panel Mount Feature	Without
Mating Retention Type	Locking Ramp
PCB Mount Retention	Without

Contact Retention Type Within Housing	Locking Lance
Mating Retention	With
Mating Alignment	Without
PCB Mount Alignment	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

### Contact Features

Contact Layout	Inline
Contact Mating Area Plating Material	Tin-Lead
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 – 5.08 µm[80 – 200 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	With
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	2.03 – 5.08 µm[80 – 200 µin]

### Industry Standards

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

### Housing Features

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

### Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board

Sealable	No
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Connector & Contact Terminates To	Wire & Cable
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### Configuration Features

Number of Positions	15
Number of Power Positions	15
Number of Rows	1

### Electrical Characteristics

Operating Voltage	600 VAC
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### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Operation/Application

Circuit Application	Power
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### Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
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Candidate List Declared Against: JUNE 2024 (241)

SVHC > Threshold:

Pb (13% in Component Part)

#### Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

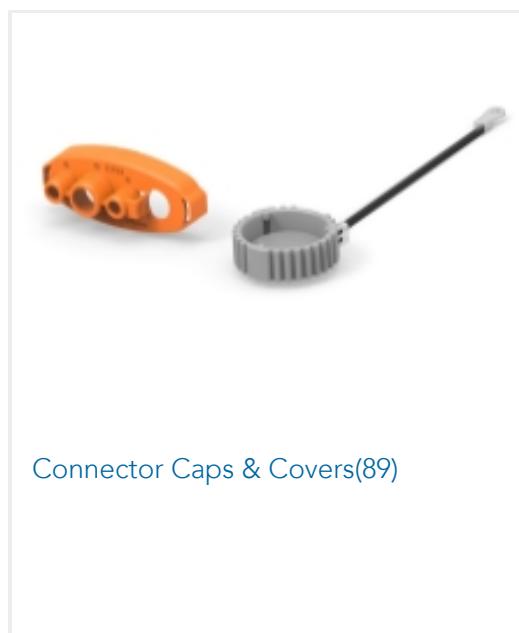
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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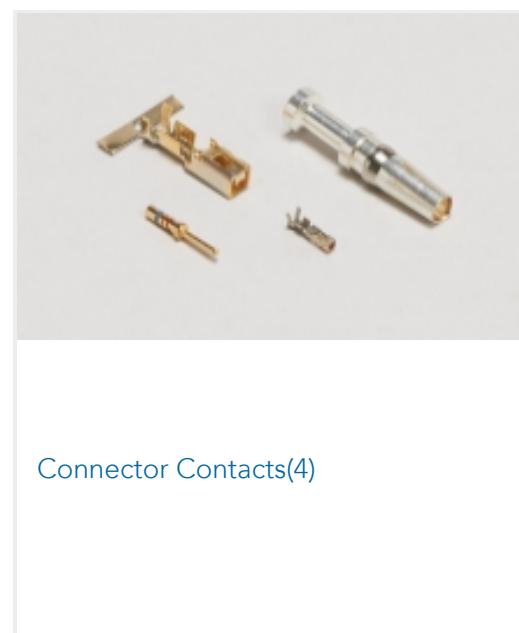
Product Compliance Disclaimer

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>

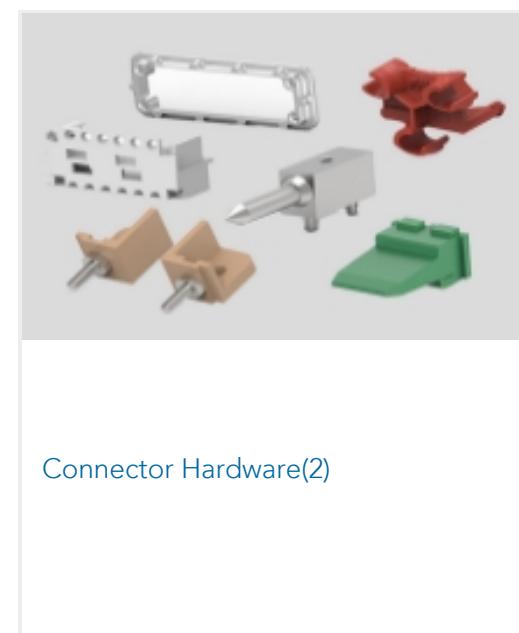
## Also in the Series | MTA 156



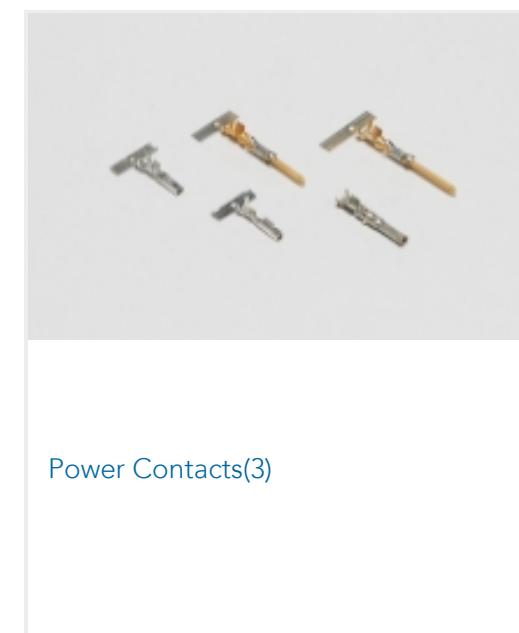
Connector Caps &amp; Covers(89)



Connector Contacts(4)



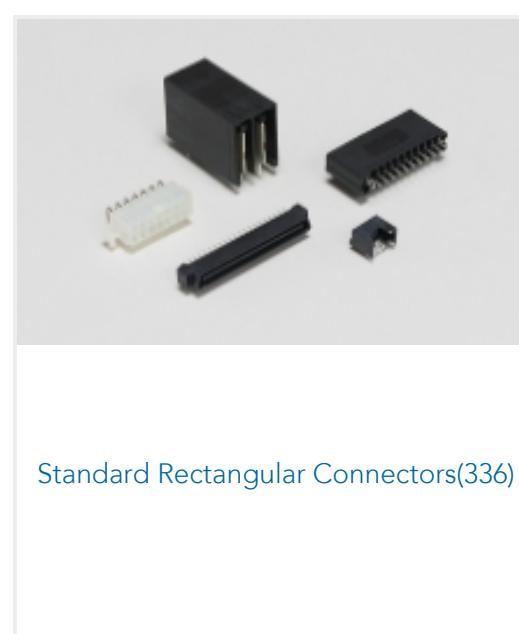
Connector Hardware(2)



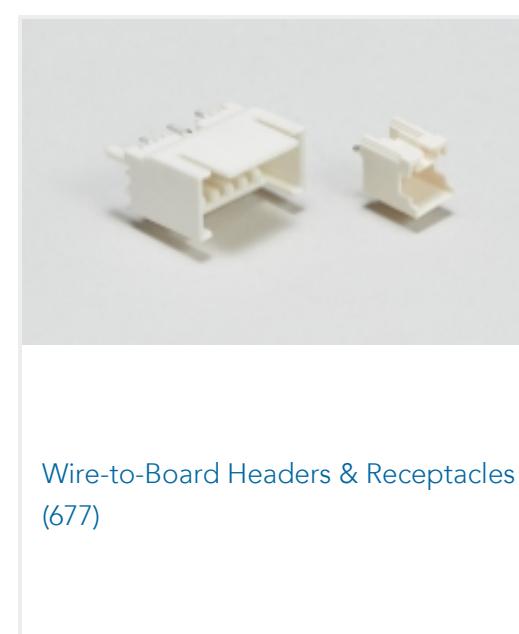
Power Contacts(3)



Rectangular Power Connectors(331)

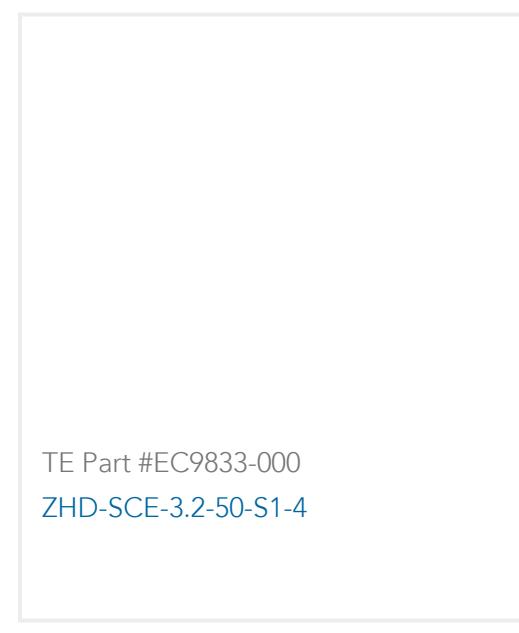


Standard Rectangular Connectors(336)



Wire-to-Board Headers &amp; Receptacles (677)

## Customers Also Bought

TE Part #1614770-4  
BDS 2 A 250 10R 10%TE Part #ZPF00000000136485  
RECEPTACLE MALE FOR 12 PINS,  
CAL1,6TE Part #EC9833-000  
ZHD-SCE-3.2-50-S1-4TE Part #1-1415543-5  
RTE44110



TE Part #ASA158F12390235000  
623 PLUG



TE Part #ZPF000000000205373  
PLUG MALE ANG.90 CAL.20 - FXP



TE Part #YZ-KC-212751A-PY00  
TOOL DISMOUNTING - FXP2



TE Part #55992-1  
TERMINAL,AMPOWER R 2/0 5/16



TE Part #ZPF000000000205378  
CONTACT MALE ANG.90, CAL20,  
120MM2 - FXP



TE Part #ZPF000000000205388  
CONTACT FEMALE CAL.20, M12 - FXP

## Documents

### Product Drawings

#### 15P MTA156 CONN ASSY 22AWG RED

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-640428-5\\_M.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-640428-5\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-640428-5\\_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

English

### Agency Approvals

#### UL

English