

## RECTANGULAR POWER CONNECTORS



✓ Active



TE CONNECTIVITY (TE)

**14P MTA156 CONN ASSY 18AWG ORA**

MTA | MTA156

4-640426-4

TE Internal Number: 4-640426-4

Always EU RoHS/ELV Compliant

Product Type **Connector Assembly**

Housing Type **Receptacle**

Connector System **Wire-to-Post**

Applies To **Wire/Cable**

Contact Current Rating (A) **7**

[PRODUCT DRAWING](#)

English

[3D PDF](#)

### Product Drawings

**MTA 156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD**

PDF

English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP

English

[3D PDF](#)

PDF

3D

[Customer View Model](#)

3D\_IGS.ZIP

English

[Customer View Model](#)

3D\_STP.ZIP

English

### Catalog Pages/Data Sheets

**MTA, CST-100 II, SL-156 And AMP Economy Power (EP) Connectors**

PDF

English

### Product Specifications

Product Specification

[System, Connector/Header, MTA 156](#)

PDF

English

Application Specification

[MTA 156 Connectors](#)

PDF

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type

**Connector Assembly**

	Housing Type	<b>Receptacle</b>
	Contact Type	<b>Socket</b>
<hr/>		
Configuration Features	Number of Positions	<b>14</b>
	Centerline	<b>3.96 mm [.156 in]</b>
	Number of Rows	<b>1</b>
	Contact Layout	<b>Inline</b>
<hr/>		
Electrical Characteristics	Contact Current Rating (A)	<b>7</b>
	Operating Voltage (VAC)	<b>600</b>
<hr/>		
Contact Features	Contact Retention	<b>With</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness	<b>2.03 – 5.08 µm [ 80 – 200 µin ]</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Mating Area Plating Material Finish	<b>Matte</b>
	Underplate Material Thickness	<b>.762 µm [ 30 µin ]</b>
	Contact Termination Area Plating Thickness	<b>2.03 – 5.08 µm [ 80 – 200 µin ]</b>
	Underplate Material	<b>Nickel</b>
	Contact Retention Type	<b>Locking Lance</b>
<hr/>		
Termination Features	Wire/Cable Size (AWG)	<b>18</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.8 – .9</b>
	Termination Method to Wire/Cable	<b>Insulation Displacement Crimp (IDC)</b>
	Wire Type	<b>Stranded</b>
	Wire/Cable Type	<b>Discrete Wire</b>
<hr/>		
Mechanical Attachment	Mating Alignment	<b>Without</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>Without</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention Type	<b>Locking Ramp</b>
	Panel Mount Retention	<b>Without</b>
	Strain Relief	<b>With</b>
<hr/>		
Housing Features	UL Flammability Rating	<b>UL 94V-2</b>

Housing Color	<b>White</b>	
Housing Material	<b>Nylon</b>	
Cable Exit Angle	<b>90°</b>	
Housing Style	<b>Standard Profile</b>	
Wire/Cable Installation Type	<b>Closed End</b>	
<hr/>		
Dimensions	Accepts Wire Insulation Diameter Range	<b>2.41 mm [.095 in]</b>
	Height	<b>9.02 mm [.355 in]</b>
	Length	<b>55.47 mm [ 2.184 in ]</b>
<hr/>		
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
<hr/>		
Operation/Application	Connector System	<b>Wire-to-Post</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-55 – 105 °C [-67 – 221 °F]</b>
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Industry Standards	CSA Rating	<b>Certified</b>
	Agency/Standard Number	<b>E28476</b>
	UL Rating	<b>Recognized</b>
	CSA File Number	<b>LR7189</b>
	Agency/Standard	<b>CSA, UL</b>
<hr/>		
Packaging Features	Packaging Method	<b>Bag/Box</b>
	Packaging Quantity	<b>125</b>
<hr/>		
Other	Backwall/Post Interruptions	<b>Without</b>
	For Use With	<b>MTA .156 Header</b>
<hr/>		
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

<b>RECTANGULAR POWER CONNECTORS</b>	<b>RECTANGULAR POWER CONNECTORS</b>	<b>RECTANGULAR POWER CONNECTORS</b>	<b>PCB CONNECTOR COVERS</b>
			

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

 Save to List

 Find Similar Products

12P MTA156 CONN ASSY  
18AWG ORA  
1-640426-2

 Save to List

 Find Similar Products

06P MTA156 CONN ASSY  
18AWG ORA  
640426-6

 Save to List

 Find Similar Products

14P MTA156 MOLDED  
COVER

1-643067-4

 Save to List

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Products - 13 Results

[View All](#)

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Relation Type 

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors  
MTA I MTA156

Always EU RoHS/ELV Compliant 

**14P MTA156 HDR ASSY  
STR SQ SN - 1-640383-4**

TE INTERNAL NUMBER: 1-640383-4

 Active

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating **7 A**

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles  
MTA I MTA156

Always EU RoHS/ELV Compliant 

**14P MTA156 HDR ASSY  
RN STR F/L - 1-644753-4**

TE INTERNAL NUMBER: 1-644753-4

 Active

Centerline **3.96 mm**

Number of Positions **14**

PCB Mounting Orientation

**Vertical**

PCB Mounting Style **Through**

**Hole**

Number of Rows **1**

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors

Always EU RoHS/ELV Compliant 



MTA | MTA156

## 14P MTA156 HDR ASSY SQ R/A F/L - 1-640389-4

TE INTERNAL NUMBER: 1-640389-4

✓ Active

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating **7 A**