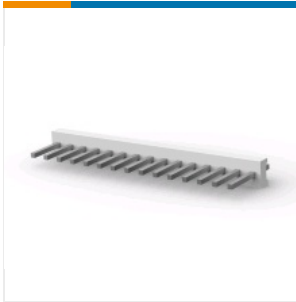




CONNECTORS

## RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

### 15P MTA156 HDR ASSY STR SQ SN

MTA | MTA156

1-640383-5

TE Internal Number: 1-640383-5

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **7**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**



#### Product Drawings

[MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 SQUARE POST, TIN PLATED](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

#### Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)

PDF  
English

## Product Environmental Compliance

TE Material Declaration

[MD\\_1-640383-5\\_081920152256\\_dmtec](#)

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.

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Product Type Features	Product Type	<b>Header</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin, Tab</b>
	Header Type	<b>Unshrouded</b>

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Configuration Features	Number of Positions	<b>15</b>
	Centerline	<b>3.96 mm [ .156 in ]</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Number of Rows	<b>1</b>
	Contact Layout	<b>Inline</b>

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Electrical Characteristics	Contact Current Rating (A)	<b>7</b>
	Operating Voltage (VAC)	<b>600</b>

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Contact Features	Contact Retention	<b>Without</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness	<b>2.54 µm [ 100 µin ]</b>
	Contact Base Material	<b>Copper Alloy</b>
	Underplate Material Thickness	<b>1.27 µm [ 50 µin ]</b>
	Contact Termination Area Plating Thickness	<b>2.54 µm [ 100 µin ]</b>
	Underplate Material	<b>Nickel</b>

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Termination Features	Termination Method to Wire/Cable	<b>Solder</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Post/Tail Length	<b>3.18 mm [ .125 in ]</b>

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Mechanical Attachment	Mating Alignment	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Retention	<b>Without</b>
	PCB Mount Alignment	<b>Without</b>

	PCB Mount Alignment	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Strain Relief	<b>Without</b>
<hr/>		
Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Polyester - GF</b>
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Dimensions	Mating Post Length	<b>10.16 mm [ .4 in ]</b>
	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Length	<b>59.44 mm [ 2.34 in ]</b>
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Usage Conditions	Sealed Condition	<b>Not Sealed</b>
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Operation/Application	Connector System	<b>Wire-to-Board</b>
	Applies To	<b>Printed Circuit Board</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>
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Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>500</b>
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Other	Backwall/Post Interruptions	<b>Without</b>
	For Use With	<b>MTA .156 Connector Assembly or SL .156 Connector Assembly</b>
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Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

