



RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

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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 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.

	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	14
	Centerline	3.96 mm [.156 in]
	Number of Rows	1
	Contact Layout	Inline
Electrical Characteristics	Contact Current Rating (A)	7
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	With
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Material Finish	Matte
	Underplate Material Thickness	.762 µm [30 µin]
	Contact Termination Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Underplate Material	Nickel
	Contact Retention Type	Locking Lance
Termination Features	Wire/Cable Size (AWG)	18
	Wire/Cable Size (mm²)	.8 – .9
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Wire Type	Stranded
	Wire/Cable Type	Discrete Wire
Mechanical Attachment	Mating Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Strain Relief	With
Housing Features	UL Flammability Rating	UL 94V-2

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

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	PCB CONNECTOR COVERS
			

16P MTA156 CONN ASSY 18AWG ORA 4-640426-6	12P MTA156 CONN ASSY 18AWG ORA 1-640426-2	06P MTA156 CONN ASSY 18AWG ORA 640426-6	14P MTA156 MOLDED COVER 1-643067-4
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Products - 13 Results

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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors MTA MTA156</p> <p>14P MTA156 HDR ASSY STR SQ SN - 1-640383-4</p> <p>TE INTERNAL NUMBER: 1-640383-4</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Header</p> <p>Housing Type Plug</p> <p>Connector System Wire-to-Board</p> <p>Applies To Printed Circuit Board</p> <p>Contact Current Rating 7 A</p>	
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers & Receptacles MTA MTA156</p> <p>14P MTA156 HDR ASSY RN STR F/L - 1-644753-4</p> <p>TE INTERNAL NUMBER: 1-644753-4</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 3.96 mm</p> <p>Number of Positions 14</p> <p>PCB Mounting Orientation Vertical</p> <p>PCB Mounting Style Through Hole</p> <p>Number of Rows 1</p>	
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors</p>	<p>Always EU RoHS/ELV Compliant</p>	
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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**