

## **RECTANGULAR POWER CONNECTORS**

















TE CONNECTIVITY (TE)

MTA | MTA156

Not EU RoHS or ELV Compliant Find Compliant Alternatives

Product Type Connector Assembly

Housing Type Receptacle

Connector System Wire-to-Post

Applies To Wire/Cable

Contact Current Rating (A) 7

**PRODUCT DRAWING** 

3D PDF

**Product Drawings** 

MTA 156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD

08P MTA156 CONN ASSY 18AWG ORA

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** Connector, MTA 156, Wire-To-Wire System

PDF English

Application Specification MTA 156 Connectors

PDF **English** 

Product Environmental Compliance

TE Material Declaration MD\_640426-8\_0506201470\_dmtec

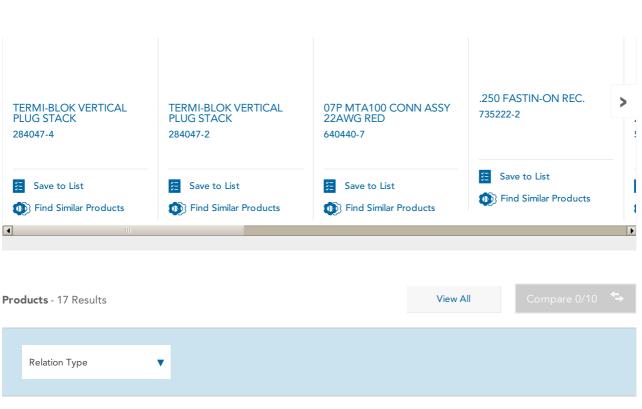
PDF English

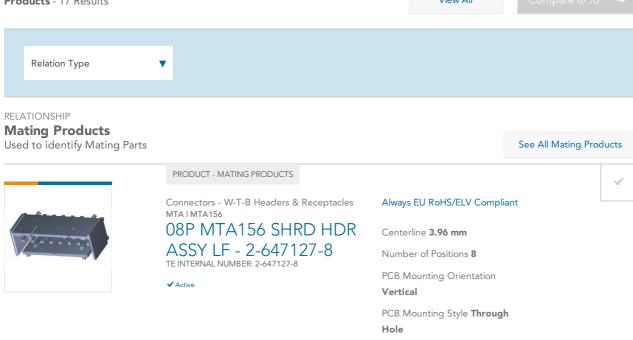
Product Type Features	Product Type	Connector Assembly
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	8
	Centerline	3.96 mm [ .156 in ]
	Number of Rows	1
	Contact Layout	Inline
Electrical Characteristics	Contact Current Rating (A)	7
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	With
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Tin-Lead
	Contact Mating Area Plating Thickness	2.03 – 5.08 μm [ 80 – 200 μin ]
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Material Finish	Bright
	Contact Termination Area Plating Thickness	2.03 – 5.08 μm [ 80 – 200 μin ]
	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	31.7 mm [ 1.248 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	250
Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Header
Product Compliance	Statement of Compliance	

## **CUSTOMERS ALSO BOUGHT**

VIEW ALL PRODUCT COMPLIANCE









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

08P MTA156 HDR ASSY STR RND SN - 644750-8 TE INTERNAL NUMBER: 644750-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Rows 1

Number of Positions 8

PCB Mounting Orientation

Vertical

PCB Mounting Style Through

Hole

Number of Rows 1

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PRODUCT - MATING PRODUCTS



08P MTA156 HDR ASSY RN STR F/L - 640388-8 TE INTERNAL NUMBER: 640388-8

✓ Active

Always EU RoHS/ELV Compliant



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