

#### **RECTANGULAR POWER CONNECTORS**

















**PRODUCT DRAWING** 



3D PDF

TE CONNECTIVITY (TE)

#### 08P MTA156 CONN ASSY 20AWG YEL

MTA | MTA156

3-643818-8

TE Internal Number: 3-643818-8

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, 20 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

English

**Product Specifications** 

**Product Specification** 

System, Connector/Header, MTA 156

PDF English

Application Specification MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

TIF English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

PDF **Japanese** 

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

Japanese

### MTA 156 Connectors

PDF **English** 

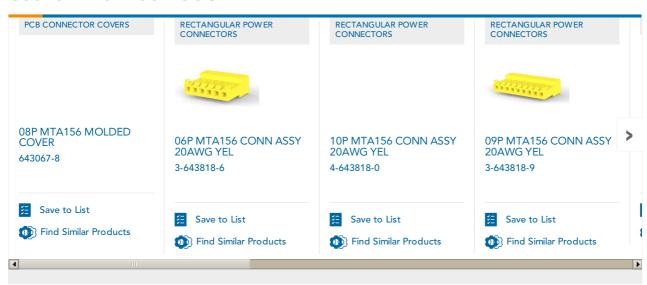
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Connector Assembly
	Housing Type	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 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 µm [ 80 µin ]
	Underplate Material	Nickel
	Contact Retention Type	Locking Lance
Termination Features	Wire/Cable Size (AWG)	20
	Wire/Cable Size (mm²)	.56
	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Wire Type	Stranded
	Wire/Cable Type	Discrete Wire
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	Without

	Mating Alignment Type	Polarizing Tab
	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 6/6
	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 (mm)	9.02
	Length (mm)	31.7
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]
	Circuit Application	Power
Industry Standards	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
Deducing Factors	Dadania Mada	Paul Cartan
Packaging Features	Packaging Method	Box/Carton
	Packaging Quantity	250
Other	Backwall/Post Interruptions	Without
Outel	For Use With	MTA .156 Header
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#### VIEW ALL PRODUCT COMPLIANCE

#### **CUSTOMERS ALSO BOUGHT**







#### RELATIONSHIP

## Mating Products Used to identify Mating Parts

See All Mating Products



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

ASSY LF - 2-647125-8 TE INTERNAL NUMBER: 2-647125-8

PRODUCT - MATING PRODUCTS

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm** 

Number of Positions 8

PCB Mounting Orientation Right

Angle

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 MTA | MTA156

08P MTA156 HDR ASSY SQ R/A F/L - 640389-8 TE INTERNAL NUMBER: 640389-8 Always EU RoHS/ELV Compliant



✓ Active

RELATIONSHIP

# Mating Products Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors MTA | MTA156

Always EU RoHS/ELV Compliant

08P MTA156 HDR ASSY SQ R/A - 640385-8 TE INTERNAL NUMBER: 640385-8



