



RECTANGULAR POWER CONNECTORS



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**

Active

PRODUCT DRAWING
English

3D PDF

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](#)

PDF
English

Product Specifications

Product Specification

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

PDF
English

Application Specification

[MTA 156 Ribbon Cable Connector Assemblies \(English And Spanish\)](#)

PDF
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 \(English And Spanish\)](#)

TIF
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 (mm ²)	.5 – .6
	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
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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
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Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Height (mm)	9.02
	Length (mm)	31.7
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Usage Conditions	Sealed Condition	Not Sealed
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Operation/Application	Connector System	Wire-to-Post
	Applies To	Wire/Cable
	Operating Temperature	-55 – 105 °C [-67 – 221 °F]
	Circuit Application	Power
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Industry Standards	CSA Rating	Certified
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	LR7189
	Agency/Standard	CSA, UL
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Packaging Features	Packaging Method	Box/Carton
	Packaging Quantity	250
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Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Header
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CUSTOMERS ALSO BOUGHT

PCB CONNECTOR COVERS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS
 08P MTA156 MOLDED COVER 643067-8	 06P MTA156 CONN ASSY 20AWG YEL 3-643818-6	 10P MTA156 CONN ASSY 20AWG YEL 4-643818-0	 09P MTA156 CONN ASSY 20AWG YEL 3-643818-9
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Products - 17 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

08P MTA156 SHRD HDR ASSY LF - 2-647125-8

TE INTERNAL NUMBER: 2-647125-8

✓ 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

✓ Active