



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

08P MTA156 CONN ASSY 18AWG ORA

MTA | MTA156

640426-8

TE Internal Number: 640426-8
Alias ID: 2-42933-3619

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**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

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

[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

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 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 (mm ²)	.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
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Dimensions	Accepts Wire Insulation Diameter Range	2.41 mm [.095 in]
	Height	9.02 mm [.355 in]
	Length	31.7 mm [1.248 in]
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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]
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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	Bag/Box
	Packaging Quantity	250
<hr/>		
Other	Backwall/Post Interruptions	Without
	For Use With	MTA .156 Header
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Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

TERMINAL BLOCK HEADERS & RECEPTACLES	TERMINAL BLOCK HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES	CRIMP QUICK DISCONNECTS
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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 - 2-647127-8**

TE INTERNAL NUMBER: 2-647127-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **8**

PCB Mounting Orientation
Vertical

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 - 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 Positions **8**

PCB Mounting Orientation
Vertical

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

Always EU RoHS/ELV Compliant

MTA | MTA156

08P MTA156 HDR ASSY

RN STR F/L - 640388-8

TE INTERNAL NUMBER: 640388-8

✓ Active