



RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



TE CONNECTIVITY (TE)

09P MTA156 CONN ASSY 18AWG ORA

[MTA](#) | [MTA156](#)

643817-9

TE Internal Number: 643817-9

[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 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 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

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	9
	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-Lead
	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 µm [80 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	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)	35.66
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
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 PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors
MTA | MTA156

**09P MTA156 HDR ASSY
STR RND SN - 640384-9**

TE INTERNAL NUMBER: 640384-9

✓ Active

Always EU RoHS/ELV Compliant

✓

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors
MTA | MTA156

**09P MTA156 HDR ASSY
RN STR F/L - 640388-9**

TE INTERNAL NUMBER: 640388-9

✓ Active

Always EU RoHS/ELV Compliant

✓

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

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

**09P MTA156 SHRD HDR
ASSY LF - 2-647125-9**

TE INTERNAL NUMBER: 2-647125-9

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **9**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

✓