



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

06P MTA156 CONN ASSY 24AWG WHT

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

640429-6

TE Internal Number: 640429-6

[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, 24 AWG, STANDARD](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
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

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

	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	6
	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 Termination Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Retention Type	Locking Lance
Termination Features	Wire/Cable Size (AWG)	24
	Wire/Cable Size (mm ²)	.2
	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 **23.77 mm [.936 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](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 29 Results

[View All](#)

[Compare 0/10](#) 

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

06P MTA156 SHRD HDR ASSY LF - 2-647127-6

TE INTERNAL NUMBER: 2-647127-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **6**

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
MTA | MTA156

06P MTA156 HDR ASSY RN STR F/L - 644753-6

TE INTERNAL NUMBER: 644753-6

✓ 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

06P MTA156 CONN ASSY ORNG - 641435-6

TE INTERNAL NUMBER: 641435-6

✓ Active

Not EU RoHS or ELV Compliant

Centerline **3.96 mm**

Number of Positions **6**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin-Lead**

Contact Mating Area Plating

Material Finish **Bright**

