



## RECTANGULAR POWER CONNECTORS



✓ Active

[↓](#) **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

### 06P MTA156 CONN ASSY 18AWG ORA

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

640426-6

TE Internal Number: 640426-6

[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**

#### 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](#)

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#### Product Specifications

##### Product Specification

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

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##### Application Specification

##### [Connector, MTA 156, Wire-To-Wire System](#)

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##### [MTA 156 Connectors](#)

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#### Product Environmental Compliance

##### TE Material Declaration

##### [MD\\_640426-6\\_05062014659\\_dmtec](#)

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	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
	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 (mm²)	.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	<b>UL 94V-2</b>
	Housing Color	<b>White</b>
	Housing Material	<b>Nylon</b>
	Cable Exit Angle	<b>90°</b>
	Housing Style	<b>Standard Profile</b>
	Wire/Cable Installation Type	<b>Closed End</b>
Dimensions	Accepts Wire Insulation Diameter Range	<b>2.41 mm [ .095 in ]</b>
	Height	<b>9.02 mm [ .355 in ]</b>
	Length	<b>23.77 mm [ .936 in ]</b>
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
Operation/Application	Connector System	<b>Wire-to-Post</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
Industry Standards	CSA Rating	<b>Certified</b>
	Agency/Standard Number	<b>E28476</b>
	UL Rating	<b>Recognized</b>
	CSA File Number	<b>LR7189</b>
	Agency/Standard	<b>CSA, UL</b>
Packaging Features	Packaging Method	<b>Bag/Box</b>
	Packaging Quantity	<b>250</b>
Other	Backwall/Post Interruptions	<b>Without</b>
	For Use With	<b>MTA .156 Header</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

CUSTOMERS ALSO BOUGHT

SEAT BELT LOCKER	300 CONDUCTOR CABLE	WIRE TO BOARD HEADERS	CONDUCTORS
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RECTANGULAR POWER CONNECTORS




12P MTA156 CONN ASSY  
18AWG ORA  
1-640426-2

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PCB CONNECTOR COVERS

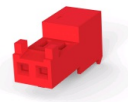


13P MTA156 COVER  
1-640551-3

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WIRE-TO-BOARD HEADERS & RECEPTACLES




02P MTA100 CONN ASSY  
POL RIB  
643813-2

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690472-2

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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

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

06P MTA156 SHRD HDR  
ASSY LF - 2-647125-6

TE INTERNAL NUMBER: 2-647125-6

Active

Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Positions 6

PCB Mounting Orientation Right  
Angle

PCB Mounting Style Through  
Hole

Number of Rows 1

✓



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**