



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

06P MTA156 SHRD HDR ASSY LF

MTA | MTA156

2-647127-6

TE Internal Number: 2-647127-6

Always EU RoHS/ELV Compliant

Centerline **3.96 mm [.156 in]**

Number of Positions **6**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[MTA-156 SHROUDED HEADER ASSEMBLY, STRAIGHT .045 SQUARE POST, TIN, W/ RETENTION PEG](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[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

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

PCB Mounting Orientation

Vertical

Product Type

Connector

	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
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Configuration Features	Number of Positions	6
	Number of Rows	1
	Backwall/Post Interruptions	Without
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Electrical Characteristics	Operating Voltage (VAC)	600
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Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Material Finish	Matte
	Contact Mating Area Plating Thickness	3.81 – 8.89 µm [150 – 350 µin]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness (µin)	150 – 350
	Underplate Material Thickness	1.27 µm, 50 µin
	Contact Style	Straight
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 – 8.89 µm [150 – 350 µin]
	Contact Type	Pin
	Contact Transmits (Typical)	Power
	Contact Current Rating (A)	7
	Contact Layout	Inline
	Tail Plating Material Finish	Matte
	Contact Termination Area Plating Material Finish	Matte
Contact Base Material	Copper Alloy	
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Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder

Mechanical Attachment	PCB Mounting Style	Through Hole	
	PCB Mount Alignment	With	
	PCB Mount Alignment Type	Pegs	
	Mating Retention	With	
	PCB Mount Retention	With	
	PCB Mount Retention Type	Tabs	
	Contact Retention	Without	
	Mating Alignment Type	Polarization	
	Mating Retention Type	Latch Detent	
	Panel Mount Retention	Without	
Housing Features	Mating Alignment	With	
	Centerline	3.96 mm [.156 in]	
	Housing Color	Black	
	Housing Style	Standard Profile	
	Housing Material	Polyester - GF	
	Dimensions	Tail Length	3.18 mm [.125 in]
		Mating Post Length	7.62 mm [.3 in]
		PCB Thickness (Recommended)	1.57 mm [.062 in]
		Height	13.34 mm [.525 in]
		Length	26.16 mm [1.03 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]	
Operation/Application	For Use With	MTA .156 Connector Assembly	
Industry Standards	UL Flammability Rating	UL 94V-0	
	UL File Number	E28476	
	CSA Rating	Certified	
	Agency/Standard	CSA, UL	
	CSA File Number	LR7189	
	UL Rating	Recognized	
Packaging Features	Packaging Method	Package	
	Packaging Quantity	1	

Other Comment **Peg holes are not required in PC Boards when headers without pegs are used**

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 75 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
 MTA | MTA156

**06P MTA156 CONN
 ASSY 22AWG LF**
 - 3-644566-6

TE INTERNAL NUMBER: 3-644566-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Connector
 Assembly**

Housing Type **Receptacle**

Connector System **Wire-to-Post**

Applies To **Wire/Cable**

Contact Current Rating **7 A**



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 18AWG LF**
 - 3-644502-6

TE INTERNAL NUMBER: 3-644502-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **6**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating

Material Finish **Matte**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
MTA | MTA156

**06P MTA156 CONN
ASSY 26AWG LF**
- 3-643821-6

TE INTERNAL NUMBER: 3-643821-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Connector
Assembly**

Housing Type **Receptacle**

Connector System **Wire-to-Post**

Applies To **Wire/Cable**

Contact Current Rating **7 A**