



## HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 02P MTA156 HDR ASSY FL ST 30AU

MTA | MTA156

641209-2

TE Internal Number: 641209-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

#### Product Drawings

[MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 ROUND POST, .000030 GOLD](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

#### Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)

PDF  
English

#### Product Environmental Compliance

TE Material Declaration

[02P MTA156 HDR ASSY FL ST 30AU](#)

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	<b>Header</b>
	Connector System	<b>Wire-to-Board</b>
	Strain Relief	<b>Without</b>
	Sealed	<b>No</b>
	Connector Style	<b>Plug</b>
	Applies To	<b>Printed Circuit Board</b>
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Configuration Features	Number of Positions	<b>2</b>
	Number of Rows	<b>1</b>
	Backwall/Post Interruptions	<b>Without</b>
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
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Body Features	Header Type	<b>Unshrouded</b>
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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.76 <math>\mu\text{m}</math> [ 29.92 <math>\mu\text{in}</math> ]</b>
	Underplate Material	<b>Nickel</b>
	Contact Termination Area Plating Thickness	<b>3.81 – 8.89 <math>\mu\text{m}</math> [ 150 – 350 <math>\mu\text{in}</math> ]</b>
	Underplate Material Thickness	<b>1.27 <math>\mu\text{m}</math>, 50 <math>\mu\text{in}</math></b>
	Contact Shape	<b>Round</b>
	Tail Plating Material	<b>Tin-Lead</b>
	Contact Termination Area Plating Material	<b>Tin-Lead</b>
	Tail Plating Thickness	<b>3.81 – 8.89 <math>\mu\text{m}</math> [ 150 – 350 <math>\mu\text{in}</math> ]</b>
	Contact Type	<b>Pin</b>
	Contact Current Rating (A)	<b>7</b>
	Contact Layout	<b>Inline</b>
	Contact Termination Area Plating Material Finish	<b>Bright</b>
Contact Base Material	<b>Copper Alloy</b>	
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Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Method to Wire/Cable	<b>Solder</b>
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Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>With</b>

	PCB Mount Retention	<b>Without</b>
	Contact Retention	<b>Without</b>
	Mating Retention Type	<b>Friction Lock</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
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Housing Features	Centerline	<b>3.96 mm [ .156 in ]</b>
	Housing Color	<b>Natural</b>
	Housing Style	<b>Friction Lock</b>
	Housing Material	<b>Polyester - GF</b>
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Dimensions	Tail Length	<b>3.18 mm [ .125 in ]</b>
	Mating Post Length	<b>10.16 mm [ .4 in ]</b>
	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Height	<b>10.8 mm [ .425 in ]</b>
	Length	<b>7.92 mm [ .312 in ]</b>
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Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
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Operation/Application	For Use With	<b>MTA .156 Connector Assembly or SL .156 Connector Assembly</b>
	Pick and Place Cover	<b>Without</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	UL File Number	<b>E28476</b>
	CSA Rating	<b>Certified</b>
	Agency/Standard	<b>CSA, UL</b>
	CSA File Number	<b>LR7189</b>
	UL Rating	<b>Recognized</b>
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Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>10000</b>
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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 - Wire-to-Board Connector  
Housings  
MTA | SL-156  
**02P SL156 HSG W/O  
RAMP NATL - 640251-2**  
TE INTERNAL NUMBER: 640251-2

Active

[Always EU RoHS/ELV Compliant](#)

Centerline **3.96 mm**

Number of Positions **2**

Number of Rows **1**

Color **Natural**

Mating Retention **Without**



RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles  
MTA | MTA156  
**02P MTA156 CONN  
ASSY 26AWG LF  
- 3-641226-2**  
TE INTERNAL NUMBER: 3-641226-2

Active

[Always EU RoHS/ELV Compliant](#)

Centerline **3.96 mm**

Number of Positions **2**

Number of Rows **1**

Contact Mating Area Plating  
Material **Gold**

Contact Mating Area Plating  
Thickness **.76 µm**



RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles  
MTA | MTA156  
**02P MTA156 CONN  
ASSY 24AWG LF  
- 3-641235-2**  
TE INTERNAL NUMBER: 3-641235-2

Active

[Always EU RoHS/ELV Compliant](#)

Centerline **3.96 mm**

Number of Positions **2**

Number of Rows **1**

Contact Mating Area Plating  
Material **Gold**

Contact Mating Area Plating  
Thickness **.76 µm**

