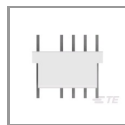




**CONNECTORS**

**HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## 06P MTA100 HDR ASSY W/O#5

MTA | MTA-100

643494-4

TE Internal Number: 643494-4

EU RoHS Compliant

EU ELV Compliant

**Connector System** Wire-to-Board

**Number of Positions** 6

**Centerline (Pitch)** 2.54 mm [ .1 in ]

**Termination Method to Wire/Cable** Solder

**PCB Mounting Orientation** Vertical

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

**MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, 6 POSITION, OMITTED POST**

PDF

English

CAD Files

**Customer View Model**

3D\_IGS.ZIP

English

## Customer View Model

3D\_STP.ZIP

English

## Customer View Model

2D\_DXF.ZIP

English

## 3D PDF

PDF

English

## FEATURES



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

**Connector System** Wire-to-Board

**PCB Mounting Orientation** Vertical

**Header Type** Unshrouded

**Sealable** No

**Connector & Contact Terminates To** Printed Circuit Board

**Product Type** Connector

**Connector Type** Header

**Connector Style** Plug

**Strain Relief** Without

### Configuration Features

**Number of Loaded Positions** 5

**Number of Positions** 6

**Number of Rows** 1

**Post Numbers Omitted** 5

**Backwall/Post Interruptions** Without

### Electrical Characteristics

**Operating Voltage (VAC)** 600

### Contact Features

**Underplate Material** Nickel

**Contact Shape** Square

**Contact Mating Area Plating Material** Tin

**Contact Mating Area Plating Thickness** 3.81  $\mu\text{m}$  [ 150  $\mu\text{in}$  ]

**Contact Current Rating (Max) (A)** 7

**Underplate Material Thickness** 1.27  $\mu\text{m}$ , 50  $\mu\text{in}$

**Contact Base Material** Copper Alloy

**Contact Layout** Inline

**Tail Plating Thickness** 3.81  $\mu\text{m}$  [ 150  $\mu\text{in}$  ]

**Contact Termination Area Plating Thickness** 3.81  $\mu\text{m}$  [ 150  $\mu\text{in}$  ]

**Contact Transmits (Typical)** Power

**Tail Plating Material** Tin

**Contact Type** Pin

## Termination Features

**Termination Method to PC Board** Through Hole - Solder

**Termination Method to Wire/Cable** Solder

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## Mechanical Attachment

**Panel Mount Retention** Without

**PCB Mount Alignment** Without

**Mating Retention** With

**PCB Mount Retention** Without

**Mating Alignment** Without

**Mating Retention Type** Friction Lock

**Contact Retention** Without

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## Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]

**Housing Style** Friction Lock

**Housing Material** Polyester - GF

**Housing Color** Natural

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## Dimensions

**Tail Length** 3.56 mm [ .14 in ]

**PCB Thickness (Recommended)** 1.6 mm [ .063 in ]

**Length (mm)** 15.24

**Height (mm)** 7.87

**Mating Post Length** 7.49 mm [ .295 in ]

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## Usage Conditions

**Operating Temperature Range** -55 – 105 °C [ -67 – 221 °F ]

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## Operation/Application

**Pick and Place Cover** Without

**For Use With** MTA .156 Connector Assembly or SL .156 Connector Assembly

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## Industry Standards

**Agency/Standard** CSA, UL

**CSA File Number** LR7189

**CSA Rating** Certified

**UL Flammability Rating** UL 94V-0

**UL Rating** Recognized

**UL File Number** E28476

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## Packaging Features

**Packaging Method** Package

**Packaging Quantity** 1

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## Other

**Number of Blocked Positions** 1

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Statement of Compliance

**Statement of Compliance**

PDF

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