



**CONNECTORS**

**RECTANGULAR POWER CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## 08P MTA156 HDR ASSY W/O#3,5,8

MTA | MTA156

1-641922-0

TE Internal Number: 1-641922-0

EU RoHS Compliant

EU ELV Compliant

**Product Type** Header

**Housing Type** Plug

**Connector System** Wire-to-Board

**Number of Positions** 8

**Centerline (Pitch)** 3.96 mm [.156 in]

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

**MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN PLATED, 8 POSITION, OMITTED POST**

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

## 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

**Header Type** Unshrouded

**Product Type** Header

**Housing Type** Plug

**Connector System** Wire-to-Board

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

**Contact Type** Pin, Tab

### Configuration Features

**Number of Loaded Positions** 5

**Number of Positions** 8

**PCB Mounting Orientation** Vertical

**Number of Power Positions** 8

**Number of Rows** 1

**Contact Layout** Inline

**Post Numbers Omitted** 3, 5, 8

**Backwall/Post Interruptions** Without

### Electrical Characteristics

**Operating Voltage (VAC)** 600

### Contact Features

**Underplate Material** Nickel

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

**Contact Retention** Without

**Contact Termination Area Plating Material** Tin

**Contact Mating Area Plating Material** Tin

**Contact Termination Area Plating Thickness** 2.54  $\mu\text{m}$  [ 100  $\mu\text{in}$  ]

**Contact Base Material** Copper Alloy

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

### Termination Features

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

**Termination Post/Tail Length** 3.18 mm [ .125 in ]

## Mechanical Attachment

**Panel Mount Retention** Without  
**PCB Mount Alignment** Without  
**Strain Relief** Without  
**Mating Alignment** With  
**Mating Alignment Type** Polarization  
**Mating Retention Type** Friction Lock  
**PCB Mount Retention** Without  
**Mating Retention** With

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## Housing Features

**Centerline (Pitch)** 3.96 mm [ .156 in ]  
**UL Flammability Rating** UL 94V-0  
**Housing Material** Thermoplastic Polyester

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## Dimensions

**Length (mm)** 31.69  
**Mating Post Length** 10.16 mm [ .4 in ]  
**Height (mm)** 10.8  
**PCB Thickness (Recommended)** .063 mm [ 1.6 in ]

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## Usage Conditions

**Operating Temperature Range** -55 – 105 °C [ -67 – 221 °F ]  
**Sealed Condition** Not Sealed

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## Operation/Application

**Circuit Application** Power

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## Industry Standards

**Glow Wire Rating** Standard Part - Not Glow Wire  
**CSA Rating** Certified  
**CSA File Number** LR7189  
**UL Rating** Recognized  
**Agency/Standard** CSA, UL  
**Agency/Standard Number** E28476

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## Packaging Features

**Packaging Method** Package  
**Packaging Quantity** 1000

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## Other

**Number of Blocked Positions** 3  
**For Use With** MTA .156 Connector Assembly or SL .156 Connector Assembly

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## PRODUCT COMPLIANCE



Statement of Compliance

## Statement of Compliance

PDF

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