



+ CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
12P MTA156 HDR ASSY FL STR SN
[MTA](#) | [MTA156](#)

641876-3
TE Internal Number: 641876-3

- EU RoHS Compliant
- EU ELV Compliant
- Product Type Header
- Housing Type Plug
- Connector System Wire-to-Board
- Number of Positions 12
- 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, 12 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** Tab

Configuration Features

- Number of Loaded Positions** 11
- Number of Positions** 12
- PCB Mounting Orientation** Vertical
- Number of Power Positions** 12
- Number of Rows** 1
- Contact Layout** Inline
- Post Numbers Omitted** 4
- 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 Mating Area Plating Thickness** 100 µm [2.54 µin]
- Contact Base Material** Copper Alloy

Termination Features

- Termination Method to PC Board** Through Hole - Solder
- Termination Post/Tail Length** 3.6 mm [.146 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

Housing Features

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

Dimensions

- Length (mm)** 47.84
- Mating Post Length** 10.16 mm [.4 in]
- Height (mm)** 10.8
- PCB Thickness (Recommended)** 3.04 mm [.12 in]

Usage Conditions

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

Operation/Application

- Circuit Application** Power

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

Packaging Features

- Packaging Method** Package
- Packaging Quantity** 500

Other

- Number of Blocked Positions** 1
- For Use With** MTA .156 Connector Assembly or SL .156 Connector Assembly

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

