



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
07P MTA100 HDR ASSY W/O#3

[MTA](#) | [MTA-100](#)

643698-6
TE Internal Number: 643698-6

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Connector System Wire-to-Board
Number of Positions 7
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, 7 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** 6
- Number of Positions** 7
- Number of Rows** 1
- Post Numbers Omitted** 3
- Backwall/Post Interruptions** Without

Electrical Characteristics

- Operating Voltage (VAC)** 250

Contact Features

- Underplate Material** Nickel
- Contact Shape** Square
- Contact Mating Area Plating Material** Tin
- Contact Mating Area Plating Thickness** 3.81 µm [150 µin]
- Contact Current Rating (Max) (A)** 5
- Contact Style** Straight
- Underplate Material Thickness** 1.27 µm, 50 µin
- Contact Base Material** Copper Alloy
- Contact Layout** Inline
- Tail Plating Thickness** 3.81 µm [150 µin]
- Contact Termination Area Plating Thickness** 3.81 µm [150 µin]
- 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

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

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Style Friction Lock
Housing Material Polyester - GF
Housing Color Natural

Dimensions

Tail Length 3.56 mm [.14 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length (mm) 17.78
Height (mm) 7.87
Mating Post Length 7.49 mm [.295 in]

Usage Conditions

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

Operation/Application

Pick and Place Cover Without
For Use With MTA .100 Connector Assembly

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

Packaging Features

Packaging Method Package
Packaging Quantity 1

Other

Number of Blocked Positions 1
Comment Mates with CST-100 connector

Statement of Compliance

Statement of Compliance

PDF
