



+ CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
10P MTA100 HDR ASSY F/L W/O#3

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

643879-4
TE Internal Number: 643879-4

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

Connector System Wire-to-Board
Number of Positions 10
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,
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

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

- 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 9
- Number of Positions 10
- 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 Material Tin
- Contact Termination Area Plating Thickness 3.81 μm [150 μin]
- 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 Mounting Style Through Hole
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
Housing Color Natural

Dimensions

Height 7.87 mm [.31 in]
Tail Length 3.56 mm [.14 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 25.4 mm [1 in]
Mating Post Length 7.49 mm [.295 in]

Usage Conditions

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

Operation/Application

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
