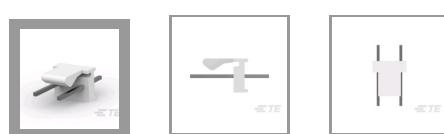


HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

03P MTA100 HDR ASSY W/O#2

MTA | MTA-100

643961-2

TE Internal Number: 643961-2

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 3

Centerline (Pitch) 5.08 mm [.2 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, 3 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 2

Number of Positions 3

Number of Rows 1

Post Numbers Omitted 2

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) 5.08 mm [.2 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 7.62 mm [.3 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