



CONNECTORS

HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

06P MTA100 HDR ASSY F/L SQ STR

MTA | MTA-100

1744214-6

TE Internal Number: 1744214-6

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 6

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 HDR ASSY, FRICTION LOCK, NOTCHED,

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.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 Positions 6

Number of Rows 1

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 Material Finish Matte

Contact Mating Area Plating Thickness 3.81 – 6.3 μm [150 – 248.03 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 – 6.3 μm [150 – 248.03 μin]

Contact Termination Area Plating Material Tin

Tail Plating Material Finish Matte

Contact Termination Area Plating Thickness (μm) 3.81 – 6.3

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 Thermoplastic-Polyester
Housing Color Natural

Dimensions

Tail Length 3.56 mm [.14 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
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 5000

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
