

HEADERS & RECEPTACLES

















PRODUCT DRAWING



3D PDF



02P MTA100 HDR ASSY F/L SQ STR

MTA | MTA-100

640456-2

TE Internal Number: 640456-2 Alias ID: 2-42934-0583, 403612641

Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in]

Number of Positions 2

PCB Mounting Orientation Vertical

PCB Mounting Style Through Hole

Number of Rows 1

Product Drawings

MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE STRAIGHT

POST, TIN PLATED

PDF English

CAD Files

Customer View Model

2D_DXF.ZIP English

3D PDF

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

Catalog Pages/Data Sheets

MTA, CST-100 II, SL-156 And AMP Economy Power (EP) Connectors

PDF **English**

Product Environmental Compliance

TE Material Declaration

MD_640456-2_09212015343_dmtec

PDF English

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

PCB Mounting Orientation

Vertical

Product Type

Connector

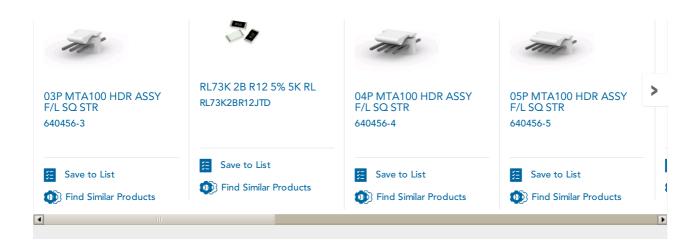
	Connector Type Connector System Strain Relief Sealed Connector Style Applies To	Header Wire-to-Board Without No Plug Printed Circuit Board
Configuration Features	Number of Positions Number of Rows Backwall/Post Interruptions	2 1 Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
Contact Features	Contact Mating Area Plating Material Contact Mating Area Plating Thickness Underplate Material Underplate Material Thickness Contact Style Contact Shape Tail Plating Material Contact Termination Area Plating Material Tail Plating Thickness Contact Type Contact Current Rating (A) Contact Layout Contact Base Material	Tin 3.81 µm [150 µin] Nickel 1.27 µm, 50 µin Straight Square Tin Tin 3.81 µm [150 µin] Pin 5 Inline Copper Alloy
Termination Features	Termination Method to PC Board Termination Method to Wire/Cable	Through Hole - Solder Solder
Mechanical Attachment	PCB Mounting Style PCB Mount Alignment Mating Retention PCB Mount Retention Contact Retention	Through Hole Without Without Without

Contact Netention Without Panel Mount Retention Without Mating Alignment Housing Features Centerline 2.54 mm [.1 in] Housing Color Natural Housing Style **Friction Lock** Housing Material Polyester - GF Dimensions Tail Length 3.56 mm [.14 in] Mating Post Length 7.49 mm [.295 in] PCB Thickness (Recommended) 1.6 mm [.063 in] 7.87 mm [.31 in] Height Length 5.08 mm [.2 in] Usage Conditions Operating Temperature Range -55 - 105 °C [-67 - 221 °F] For Use With MTA .100 Connector Assembly Operation/Application Pick and Place Cover Without Industry Standards **UL Flammability Rating UL 94V-0** UL File Number E28476 Certified **CSA** Rating CSA, UL Agency/Standard CSA File Number LR7189 **UL** Rating Recognized **Packaging Features** Packaging Method Package Packaging Quantity 5000 **Product Compliance** Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP

Mating Products Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles MTA | MTA-100

02P MTA100 CONN ASSY LF - 3-643828-2

TE INTERNAL NUMBER: 3-643828-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 2

Number of Rows 1

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating Material Finish **Matte**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles MTA | MTA-100

02P MTA100 CONN ASSY POL TAB

- 644312-2

TE INTERNAL NUMBER: 644312-2

✓ Active

Not EU RoHS or ELV Compliant

Centerline 2.54 mm

Number of Positions 2

Number of Rows 1

Contact Mating Area Plating

 $\mathsf{Material}\; \mathbf{Tin\text{-}Lead}$

Contact Mating Area Plating Material Finish **Bright**

RELATIONSHIP



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles MTA | MTA-100

02P MTA100 CONN **ASSY RED LF** - 3-641653-2 TE INTERNAL NUMBER: 3-641653-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 2

Number of Rows 1

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating Material Finish Matte

