

HEADERS & RECEPTACLES



















PRODUCT DRAWING



3D PDF



12P MTA100 HDR ASSY F/L SQ STR

MTA | MTA-100

1-640456-2

TE Internal Number: 1-640456-2 Alias ID: 2-42934-0581

Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in]

Number of Positions 12

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_1-640456-2_100820152326_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	12 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 Panel Mount Retention Without Mating Alignment Without 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 30.48 mm [1.2 in] Usage Conditions Operating Temperature Range -55 - 105 °C [-67 - 221 °F] Operation/Application For Use With MTA .100 Connector Assembly Pick and Place Cover Without Industry Standards UL Flammability Rating **UL 94V-0** UL File Number E28476 CSA Rating Certified Agency/Standard CSA, UL CSA File Number LR7189 **UL** Rating Recognized Packaging Method **Packaging Features** Package Packaging Quantity 1 Statement of Compliance **Product Compliance**

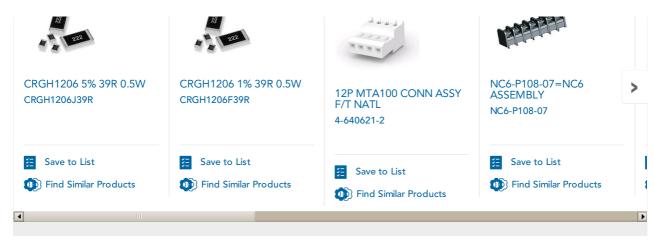
CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS

VIEW ALL PRODUCT COMPLIANCE

WIRE-TO-BOARD HEADERS & RECEPTACLES

BARRIER STRIPS







PRODUCT - MATING PRODUCTS



✓ Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 12

Number of Rows 1

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating Material Finish **Matte**



Used to identify Mating Parts

See All Mating Products

C Alland B L .

See All Mating Products



PRODUCT - MATING PRODUCTS

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

12P MTA100 CONN ASSY BLU - 1-640442-2 TE INTERNAL NUMBER: 1-640442-2

✓ Active

Not EU RoHS or ELV Compliant

Centerline 2.54 mm

Number of Positions 12

Number of Rows 1

Contact Mating Area Plating

 ${\sf Material} \ \textbf{Tin-Lead}$

Contact Mating Area Plating Material Finish **Bright**



PRODUCT - MATING PRODUCTS

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

12P MTA100 CONN ASSY BLK LF - 4-644576-2 TE INTERNAL NUMBER: 4-644576-2

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 12

Number of Rows 1

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating Material Finish Matte

