

### **HEADERS & RECEPTACLES**



















**PRODUCT DRAWING** 



3D PDF



MTA | MTA-100

640456-3 TE Internal Number: 640456-3 Alias ID: 403726995

TE CONNECTIVITY (TE)

#### Always EU RoHS/ELV Compliant

03P MTA100 HDR ASSY F/L SQ STR

Centerline 2.54 mm [.1 in]

Number of Positions 3

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

03P MTA100 HDR ASSY F/L SQ STR

PDF **English** 

MD\_640456-3\_12122015140\_dmtec

English

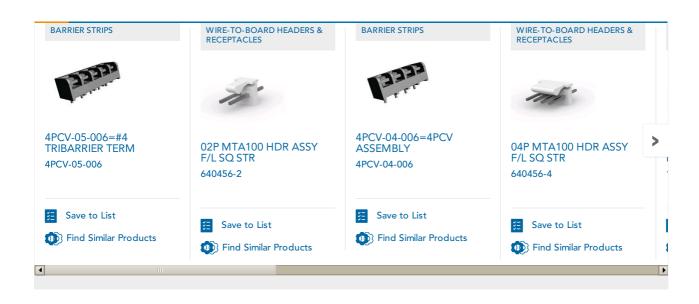
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	PCB Mounting Orientation	Vertical
	Product Type	Connector
	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	3
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
Contact Features	Contact Mating Area Plating Material	Tin
Contact i eatures	Contact Mating Area Plating Thickness	3.81 µm [150 µin]
	Underplate Material	Nickel
	Underplate Material Thickness	1.27 μm, 50 μin
	Contact Style	Straight
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 µm [ 150 µin ]
	Contact Type	Pin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Through Hole - Solder
remiliation reatures	Termination Method to Wire/Cable	Solder
	reminiation ivietnod to vvire/Cable	Solder
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	Without

	PCB Mount Retention	Without
	Contact Retention	Without
	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 ]
	Height	7.87 mm [ .31 in ]
	Length	7.62 mm [ .3 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 Features	Packaging Method	Package
	Packaging Quantity	5000
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

# CUSTOMERS ALSO BOUGHT







RELATIONSHIP

# Mating Products Used to identify Mating Parts

See All Mating Products



Connectors - W-T-B Headers & Receptacles

MTAIMTA-100 03P MTA100 CONN ASSY F/T 26AWG

- 3-644564-3 TE INTERNAL NUMBER: 3-644564-3

PRODUCT - MATING PRODUCTS

✓ Active

### Always EU RoHS/ELV Compliant

View All

Centerline 2.54 mm

Number of Positions 3

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

03P MTA100 CONN ASSY F/T 24AWG - 3-644563-3

TE INTERNAL NUMBER: 3-644563-3

✓ Active

### Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 3

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

### 03P MTA100 CONN ASSY TAPE LF

- 3-644512-3

TE INTERNAL NUMBER: 3-644512-3



### Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 3

Number of Rows 1

Contact Mating Area Plating

Material **Tin** 

Contact Mating Area Plating Material Finish **Matte** 

