



## HEADERS & RECEPTACLES



✓ Active

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**



TE CONNECTIVITY (TE)

### 03P MTA100 SHRD HDR ASSY RA FL

[MTA](#) | [MTA-100](#)

2-644803-3

TE Internal Number: 2-644803-3

[Always EU RoHS/ELV Compliant](#)

Centerline **2.54 mm [ .1 in ]**

Number of Positions **3**

PCB Mounting Orientation **Right Angle**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**

#### Product Drawings

[MTA-100 SHROUDED HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE POST, TIN OR TIN LEAD PLATED](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

#### Catalog Pages/Data Sheets

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

PDF  
English

#### Product Specifications

Product Specification

[Connector, MTA-100](#)

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

**Right Angle**

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
	Right Angle Bending Side	Rear
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Shrouded
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	3.81 – 6.3 µm [ 150 – 250 µin ]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness	3.81 – 6.35 µm [ 150 – 250 µin ]
	Underplate Material Thickness	1.27 µm, 50 µin
	Contact Style	Right Angle
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 – 6.35 µm [ 150 – 250 µin ]
	Contact Type	Pin
	Contact Transmits (Typical)	Power
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder

Mechanical Attachment	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Contact Retention	Without
	Mating Alignment Type	Polarizing Tab
	Mating Retention Type	Friction Lock
	Panel Mount Retention	Without
	Mating Alignment	With
Housing Features	Centerline	2.54 mm [ .1 in ]
	Housing Color	Black
	Housing Style	Friction Lock
	Housing Material	Polyester - GF
Dimensions	Tail Length	3.3 mm [ .13 in ]
	Mating Post Length	5.1 mm [ .2 in ]
	PCB Thickness (Recommended)	1.6 mm [ .063 in ]
	Height	10.41 mm [ .41 in ]
	Length	9.75 mm [ .384 in ]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [ -67 – 221 °F ]
Operation/Application	For Use With	MTA .100 Connector Assembly
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	500

Relation Type

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 POL TAB  
- 644313-3

TE INTERNAL NUMBER: 644313-3

✓ Active

Not EU RoHS or ELV Compliant

Centerline 2.54 mm

Number of Positions 3

Number of Rows 1

Contact Mating Area Plating

Material Tin-Lead

Contact Mating Area Plating

Material Finish Bright

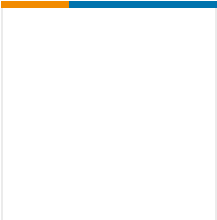


RELATIONSHIP

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 RED - 640620-3

TE INTERNAL NUMBER: 640620-3

✓ Active

Not EU RoHS or ELV Compliant

Centerline 2.54 mm

Number of Positions 3

Number of Rows 1

Contact Mating Area Plating

Material Tin-Lead

Contact Mating Area Plating

Material Finish Bright



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 26AWG - 643828-3

TE INTERNAL NUMBER: 643828-3

✓ Active

Not EU RoHS or ELV Compliant

Centerline 2.54 mm

Number of Positions 3

Number of Rows 1

Contact Mating Area Plating

Material Tin-Lead



Contact Mating Area Plating  
Material Finish **Bright**