



## HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

### 04P MTA100 SHRD HDR,W/O PEG SN

MTA | MTA-100

2-644861-4

TE Internal Number: 2-644861-4

Always EU RoHS/ELV Compliant

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

Number of Positions **4**

PCB Mounting Orientation **Vertical**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

#### Product Drawings

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

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_IJS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.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

#### Product Environmental Compliance

TE Material Declaration

[MD\\_2-644861-4\\_060320141358\\_dmtc](#)

PDF  
English

Product Type Features	PCB Mounting Orientation	<b>Vertical</b>
	Product Type	<b>Connector</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Wire-to-Board</b>
	Strain Relief	<b>Without</b>
	Sealed	<b>No</b>
	Connector Style	<b>Plug</b>
	Applies To	<b>Printed Circuit Board</b>
Configuration Features	Number of Positions	<b>4</b>
	Number of Rows	<b>1</b>
	Backwall/Post Interruptions	<b>Without</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
Body Features	Header Type	<b>Shrouded</b>
Contact Features	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness	<b>3.81 – 6.3 µm [ 150 – 250 µin ]</b>
	Underplate Material	<b>Nickel</b>
	Contact Termination Area Plating Thickness	<b>3.81 – 6.35 µm [ 150 – 250 µin ]</b>
	Underplate Material Thickness	<b>1.27 µm, 50 µin</b>
	Contact Style	<b>Straight</b>
	Contact Shape	<b>Square</b>
	Tail Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Tail Plating Thickness	<b>3.81 – 6.35 µm [ 150 – 250 µin ]</b>
	Contact Type	<b>Pin</b>
	Contact Transmits (Typical)	<b>Power</b>
	Contact Current Rating (A)	<b>5</b>
	Contact Layout	<b>Inline</b>
	Contact Termination Area Plating Material Finish	<b>Matte</b>
Contact Base Material	<b>Copper Alloy</b>	
Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>

	Termination Method to Wire/Cable	Solder
Mechanical Attachment	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>Without</b>
	Contact Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarizing Tab</b>
	Mating Retention Type	<b>Friction Lock</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Style	<b>Friction Lock</b>
	Housing Material	<b>Polyester - GF</b>
Dimensions	Tail Length	<b>3.56 mm [ .14 in ]</b>
	Mating Post Length	<b>5.1 mm [ .2 in ]</b>
	PCB Thickness (Recommended)	<b>1.6 mm [ .063 in ]</b>
	Height	<b>10.41 mm [ .41 in ]</b>
	Length	<b>12.29 mm [ .484 in ]</b>
Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
Operation/Application	For Use With	<b>MTA .100 Connector Assembly</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	UL File Number	<b>E28476</b>
	CSA Rating	<b>Certified</b>
	Agency/Standard	<b>CSA, UL</b>
	CSA File Number	<b>LR7189</b>
	UL Rating	<b>Recognized</b>
Packaging Features	Packaging Method	<b>Loose Piece</b>
	Packaging Quantity	<b>500</b>

Products - 61 Results

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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

**04P MTA100 CONN  
ASSY LF - 3-643828-4**

TE INTERNAL NUMBER: 3-643828-4

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **4**

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

**04P MTA100 CONN  
ASSY BLK SPCL  
- 644312-4**

TE INTERNAL NUMBER: 644312-4

✓ Active

Not EU RoHS or ELV Compliant

Centerline **2.54 mm**

Number of Positions **4**

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

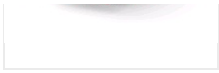
**04P MTA100 CONN  
ASSY F/T W/LCK**

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **4**





- 3-644540-4

TE INTERNAL NUMBER: 3-644540-4

✓ Active

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating

Material Finish **Matte**