

HEADERS & RECEPTACLES



✓ Active



TE CONNECTIVITY (TE)

03P MTA100 HDR HT FL 30AU LF

MTA | MTA-100

3-647116-3

TE Internal Number: 3-647116-3

Always EU RoHS/ELV Compliant

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

Number of Positions **3**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

[PRODUCT DRAWING](#)

English

[3D PDF](#)

Product Drawings

[MTA-100 HEADER ASSY,HIGH TEMPERATURE FRICTION LOCK,.025 SQUARE,](#)

PDF

English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP

English

[3D PDF](#)

PDF

3D

[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

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

Series	110	
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	Gold	
Contact Mating Area Plating Thickness	.76 µm [30 µin]	
Underplate Material	Nickel	
Contact Termination Area Plating Thickness	3.81 – 8.89 µm [150 – 350 µin]	
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 – 6.3 µm [150 – 248.03 µin]	
Contact Type	Pin	
Contact Transmits (Typical)	Power	
Contact Current Rating (A)	5	
Contact Layout	Inline	
Tail Plating Material Finish	Matte	
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 Mounting Style	Through Hole	
PCB Mount Alignment	Without	
Mating Retention	With	
PCB Mount Retention	Without	

	Contact Retention	Without
	Mating Retention Type	Friction Lock
	Panel Mount Retention	Without
	Mating Alignment	Without
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Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	Friction Lock
	Housing Material	Nylon 4/6
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Dimensions	Tail Length	3.43 mm [.135 in]
	Mating Post Length	7.37 mm [.29 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Height	8.81 mm [.34 in]
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Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application	For Use With	MTA .100 Connector Assembly
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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
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Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500
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Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 20 Results

[View All](#)

Compare 0/10 

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 RED LF
- 3-641241-3**

TE INTERNAL NUMBER: 3-641241-3

✓ Active

Always EU RoHS/ELV Compliant



Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**

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 W/TB LF
- 3-644726-3**

TE INTERNAL NUMBER: 3-644726-3

✓ Active

Always EU RoHS/ELV Compliant



Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**

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 GRN LF
- 3-641240-3**

TE INTERNAL NUMBER: 3-641240-3

✓ Active

Always EU RoHS/ELV Compliant



Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**