



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 24P MTA100 ASSY P/RA SQ LF MTA | MTA-100

5-641125-4
TE Internal Number: 5-641125-4

Always EU RoHS/ELV Compliant

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

Number of Positions **24**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE RIGHT ANGLE POST, .000015 GOLD PLATED](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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3D

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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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
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Configuration Features	Number of Positions	24
	Number of Rows	1
	Right Angle Bending Side	Front
	Backwall/Post Interruptions	Without
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Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Header Type	Unshrouded
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.38 μm [15 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	Right Angle
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 – 8.89 μm [150 – 350 μin]
	Contact Type	Pin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Matte
	Contact Base Material	Copper Alloy
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Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder
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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	Polarized
	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	7.75 mm [.305 in]
	Length	60.96 mm [2.4 in]

Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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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	1

Product Compliance [Statement of Compliance](#)
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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

**24P MTA100 CONN
ASSY WHT LF**
- 5-641191-4

TE INTERNAL NUMBER: 5-641191-4

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **24**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.38 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

**24P MTA100 CONN
ASSY POL 15AU**
- 5-644038-4

TE INTERNAL NUMBER: 5-644038-4

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **24**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.38 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

**24P MTA100 CONN
ASSY GRN LF**
- 5-641201-4

TE INTERNAL NUMBER: 5-641201-4

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **24**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating



Thickness **.38 μm**

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