



HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

10P MTA100 CONN ASSY WHT 24AWG

MTA | MTA-100

1-641191-0

TE Internal Number: 1-641191-0

Converted to EU RoHS/ELV Compliant

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

Number of Positions **10**

Number of Rows **1**

Contact Mating Area Plating Material **Gold**

Contact Mating Area Plating Thickness **.38 µm [15 µin]**

Product Drawings

[MTA .100 CONNECTOR ASSEMBLY 24 AWG, STANDARD](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[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

Product Type

Connector

Connector Type

Connector Assembly

Connector System

Wire-to-Post

Wire/Cable Type

Discrete Wire, Stranded

Strain Relief

With

Sealed

No

	Connector Style	Receptacle
	Applies To	Wire/Cable
	Connector Design	Closed End
Configuration Features	Number of Positions	10
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Cable Exit Angle	90°
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	2.03 – 5.08 μm [80 – 200 μin]
	Underplate Material Thickness	1.27 – 1.78 μm, 50 – 70.079 μin
	Contact Termination Area Plating Material	Tin
	Contact Type	Socket
	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 Wire/Cable	IDC
Mechanical Attachment	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Contact Retention	With
	Contact Retention Type	Locking Lance
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Mating Alignment	Without
Housing Features	Centerline	2.54 mm [.1 in]

Housing Color	White
Housing Style	Standard
Housing Material	Nylon

Dimensions	Height	6.99 mm [.275 in]
	Wire/Cable Size (AWG)	24
	Wire/Cable Size (mm ²)	.2
	Insulation Diameter	1.52 mm [.06 in]
	Length	25.4 mm [1 in]

Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application	For Use With	MTA .100 Headers & MTA .100 IDC Posted Connectors
	Pick and Place Cover	Without

Industry Standards	UL Flammability Rating	UL 94V-2
	UL File Number	E28476
	CSA Rating	Certified
	Agency/Standard	CSA, UL
	CSA File Number	LR7189
	UL Rating	Recognized

Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 17 Results

[View All](#)

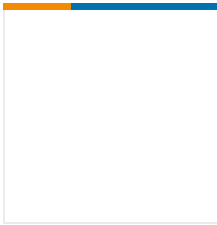
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Relation Type ▼

RELATIONSHIP
Mating Products
 Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA-100

**10P MTA100 PSTD
CONN ASSY LF**
- 4-647016-0

TE INTERNAL NUMBER: 4-647016-0

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **10**

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

**10P MTA100 HDR ASSY
PL STR LF - 4-641122-0**

TE INTERNAL NUMBER: 4-641122-0

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **10**

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through**

Hole

Number of Rows **1**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - W-T-B Headers & Receptacles
MTA | MTA-100

**10P MTA100 HDR ASSY
PL/RA LF - 4-641123-0**

TE INTERNAL NUMBER: 4-641123-0

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **10**

PCB Mounting Orientation **Right**

Angle

PCB Mounting Style **Through**

Hole

Number of Rows **1**