



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

06P MTA100 HDR ASSY PO/ST LF

MTA | MTA-100

3-641213-6

TE Internal Number: 3-641213-6

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE STRAIGHT POST, .000030 GOLD PLATED](#)

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

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

Vertical

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	6
	Number of Rows	1
	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	Straight
	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	15.24 mm [.6 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](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES	SURFACE MOUNT RESISTORS	WIRE-TO-BOARD HEADERS & RECEPTACLES
<p>05P MTA100 HDR ASSY PO/ST LF 3-641213-5</p> <p>Save to List Find Similar Products</p>	<p>03P MTA100 HDR ASSY PO/ST LF 3-641213-3</p> <p>Save to List Find Similar Products</p>	<p>CPF 0603 11R 0.1% 25PPM 1K RL CPF0603B11RE1</p> <p>Save to List Find Similar Products</p>	<p>08P MTA100 HDR ASSY PO/ST LF 3-641213-8</p> <p>Save to List Find Similar Products</p>

Products - 19 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

**06P MTA100 CONN
ASSY F/T LF - 3-644702-6**

TE INTERNAL NUMBER: 3-644702-6

Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **6**

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

**06P MTA100 CONN
ASSY GREN 30AU
- 641244-6**

TE INTERNAL NUMBER: 641244-6

Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **6**

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

06P MTA100 CONN ASSY 30AU - 644020-6

TE INTERNAL NUMBER: 644020-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **6**

Number of Rows **1**

Contact Mating Area Plating

Material **Gold**

Contact Mating Area Plating

Thickness **.76 µm**

