



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

06P MTA100 CONN ASSY POL RIB

MTA | MTA-100

3-643813-6

TE Internal Number: 3-643813-6

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**

Contact Mating Area Plating Material Finish **Matte**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[MTA 100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD](#)

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

Application Specification

[MTA 100 Connector](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_3-643813-6_04092014122_dmtec](#)

PDF
English

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	6
Number of Rows	1
Backwall/Post Interruptions	Without

Electrical Characteristics

Operating Voltage (VAC)	250
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Body Features

Cable Exit Angle	90°
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
Underplate Material	Nickel
Contact Termination Area Plating Thickness	2.03 µm [80 µin]
Underplate Material Thickness	.762 µm, 30 µin
Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Transmits (Typical)	Power
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
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Mechanical Attachment

PCB Mount Alignment	Without
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Mechanical Attachment	PCB Mount Alignment	Without
	Mating Retention	With
	PCB Mount Retention	Without
	Contact Retention	With
	Mating Alignment Type	Polarization
	Contact Retention Type	Locking Lance
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Mating Alignment	With
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	White
	Housing Style	Standard
	Housing Material	Nylon - GF
Dimensions	Wire/Cable Size (AWG)	22
	Wire/Cable Size (mm ²)	.3 – .4
	Insulation Diameter	1.52 mm [.06 in]
	Length (mm)	15.24
	Height (mm)	6.99
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	MTA .100 Header
	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
Other	Comment	Stripe may run down between ribs

CUSTOMERS ALSO BOUGHT

PCB CONNECTOR COVERS	CRIMP RINGS & SPADES	OCEAN APPLICATORS	OCEAN APPLICATORS
			
06P MTA100 MOLDED COVER 643075-6	BUDGET RING 16-14 12 31163	CRIMPER, WIRE 1-458141-5	ANVIL, COMB. 464962-3
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 36 Results

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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>06P MTA100 PSTD CONN ASSY LF - 3-647003-6</p> <p>TE INTERNAL NUMBER: 3-647003-6</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 6</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Tin</p> <p>Contact Mating Area Plating Material Finish Matte</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>06P MTA100 LDD ASSY</p>	<p>Always EU RoHS/ELV Compliant</p>



W-T-B Headers & Receptacles
SQ, OMIT#5 - 644679-2

TE INTERNAL NUMBER: 644679-2

✓ Active

Centerline **2.54 mm**

Number of Positions **6**

PCB Mounting Orientation **Right**

Angle

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**

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 HDR ASSY
SQ R/A POL - 640455-6**

TE INTERNAL NUMBER: 640455-6

✓ Active

[Always EU RoHS/ELV Compliant](#)

Centerline **2.54 mm**

Number of Positions **6**

PCB Mounting Orientation **Right**

Angle

PCB Mounting Style **Through**

Hole

Number of Rows **1**

