



## HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

### 02P MTA100 CONN ASSY LF

MTA | MTA-100

3-641537-2

TE Internal Number: 3-641537-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

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, 28 AWG, FOR .014 TO .020 POST, SPECIAL](#)

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

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

	Connector Type	<b>Connector Assembly</b>
	Connector System	<b>Wire-to-Post</b>
	Wire/Cable Type	<b>Discrete Wire, Stranded</b>
	Strain Relief	<b>With</b>
	Sealed	<b>No</b>
	Connector Style	<b>Receptacle</b>
	Applies To	<b>Wire/Cable</b>
	Connector Design	<b>Closed End</b>
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Configuration Features	Number of Positions	<b>2</b>
	Number of Rows	<b>1</b>
	Backwall/Post Interruptions	<b>Without</b>
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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
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Body Features	Cable Exit Angle	<b>90°</b>
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Contact Features	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material Finish	<b>Matte</b>
	Contact Mating Area Plating Thickness	<b>2.03 μm [ 80 μin ]</b>
	Underplate Material	<b>Nickel</b>
	Contact Termination Area Plating Thickness	<b>2.03 μm [ 80 μin ]</b>
	Underplate Material Thickness	<b>.762 μm, 30 μin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Type	<b>Socket</b>
	Contact Transmits (Typical)	<b>Power</b>
	Contact Current Rating (A)	<b>5</b>
	Contact Layout	<b>Inline</b>
	Contact Termination Area Plating Material Finish	<b>Matte</b>
Contact Base Material	<b>Copper Alloy</b>	
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Termination Features	Termination Method to Wire/Cable	<b>IDC</b>
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Mechanical Attachment	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>With</b>
	PCB Mount Retention	<b>Without</b>
	Contact Retention	<b>With</b>

Contact Retention	<b>With</b>
Mating Alignment Type	<b>Polarization</b>
Contact Retention Type	<b>Locking Lance</b>
Mating Retention Type	<b>Locking Ramp</b>
Panel Mount Retention	<b>Without</b>
Mating Alignment	<b>With</b>

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Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>White</b>
	Housing Material	<b>Nylon - GF</b>

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Dimensions	Wire/Cable Size (AWG)	<b>28</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.08 – .09</b>
	Insulation Diameter	<b>1.52 mm [ .06 in ]</b>
	Length (mm)	<b>5.08</b>
	Height (mm)	<b>6.99</b>

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

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

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Packaging Features	Packaging Method	<b>Bag/Box</b>
	Packaging Quantity	<b>500</b>

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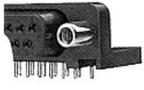
Other	Comment	<b>Stripe may run down between ribs</b>
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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS	CRIMP QUICK DISCONNECTS	RECTANGULAR POWER CONNECTORS	POWER CONTACTS
 <p>15 HTMSFL ASSY RA 318 (SL, BL) 5788799-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p>187 ULTRA-FAST RCPT 16-14 TPBR 3-520124-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p>10P FH PLUG VAL-U-LOK V2 1-1586000-0</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p>SKT, .062 DIA, .025 SQ POST, LP 5-66461-5</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - W-T-B Headers &amp; Receptacles MTA   MTA-100</p> <p><b>02P MTA100 HI-TEMP HDR SN TL - 3-647295-2</b> TE INTERNAL NUMBER: 3-647295-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2.54 mm</b></p> <p>Number of Positions <b>2</b></p> <p>PCB Mounting Orientation <b>Vertical</b></p> <p>PCB Mounting Style <b>Through Hole</b></p> <p>Number of Rows <b>1</b></p>

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - W-T-B Headers &amp; Receptacles MTA   MTA-100</p> <p><b>02P MTA-100 HDR ASSY, SM, SN - 3-647106-2</b> TE INTERNAL NUMBER: 3-647106-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2.54 mm</b></p> <p>Number of Positions <b>2</b></p> <p>PCB Mounting Orientation <b>Vertical</b></p> <p>PCB Mounting Style <b>Through Hole</b></p>

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

**02P MTA100 SHRDR HDR**  
**F/L R/A SN - 2-644488-2**  
TE INTERNAL NUMBER: 2-644488-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**