



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

03P MTA100 HDR ASSY F/L SQ STR

MTA | MTA-100

640456-3

TE Internal Number: 640456-3
Alias ID: 403726995

Always EU RoHS/ELV Compliant

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

Number of Positions **3**

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, TIN 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 Environmental Compliance

TE Material Declaration

[03P MTA100 HDR ASSY F/L SQ STR](#)

PDF
English

[MD_640456-3_12122015140_dmtec](#)

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
Configuration Features	Number of Positions	3
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	3.81 μm [150 μin]
	Underplate Material	Nickel
	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 μm [150 μin]
	Contact Type	Pin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder
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	Friction Lock
	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	7.87 mm [.31 in]
	Length	7.62 mm [.3 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	5000

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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Products - 74 Results

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Relation Type ▼


RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>03P MTA100 CONN ASSY F/T 26AWG - 3-644564-3 TE INTERNAL NUMBER: 3-644564-3</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 3</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Tin</p> <p>Contact Mating Area Plating Material Finish Matte</p>
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RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>03P MTA100 CONN ASSY F/T 24AWG - 3-644563-3 TE INTERNAL NUMBER: 3-644563-3</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 3</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Tin</p> <p>Contact Mating Area Plating Material Finish Matte</p>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

03P MTA100 CONN ASSY TAPE LF - 3-644512-3

TE INTERNAL NUMBER: 3-644512-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating

Material Finish **Matte**