



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

03P MTA100 CONN ASSY BLK SPCL

MTA | MTA-100

3-644312-3

TE Internal Number: 3-644312-3

Always EU RoHS/ELV Compliant

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

Number of Positions **3**

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, 24 AWG, UL94V 0, SPECIAL](#)

PDF
English

CAD Files

3D PDF

PDF
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.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

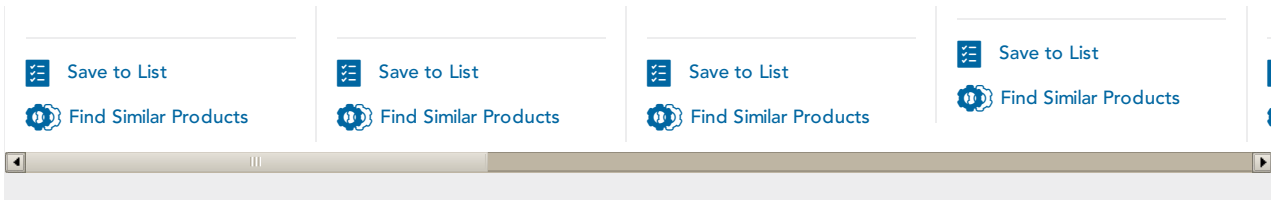
No

	Connector Style	Receptacle
	Applies To	Wire/Cable
	Connector Design	Closed End
Configuration Features	Number of Positions	3
	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	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 – 5.08 µm [80 – 200 µin]
	Underplate Material Thickness	.762 µm, 30 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
	Mating Alignment Type	Polarizing Tab
	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	Black
	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	7.62 mm [.3 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	MTA .100 Header
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	500
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>06P UMNL II PLUG REAR 94VO 770038-1</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>06P UMNL II PLUG-FRONT 94VO 770037-1</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>04P MTA100 CONN ASSY BLK LF 3-644312-4</p>	<p>POWER CONTACTS</p>  <p>NG GIC 3.3 REC CONTACT TIN PLATE 1983780-1</p>
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Products - 34 Results

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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

03P MTA100 HDR ASSY SQ R/A - 640453-3

TE INTERNAL NUMBER: 640453-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

PCB Mounting Orientation **Right Angle**

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

03P MTA100 HDR ASSY F/L, SP BND - 644875-3

TE INTERNAL NUMBER: 644875-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

PCB Mounting Orientation **Right Angle**

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

03P MTA100 HDR ASSY W/O#2 - 643961-2

TE INTERNAL NUMBER: 643961-2

Always EU RoHS/ELV Compliant

Centerline **5.08 mm**

Number of Positions **3**





IE INTERNAL NUMBER: 043701-2

✓ Active

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through**

Hole

Number of Rows **1**