



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 03P MTA100 CONN ASSY WHT MTA | MTA-100

3-640441-3
TE Internal Number: 3-640441-3

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, STANDARD](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)

PDF
English

Product Specifications

Application Specification

[MTA 100 Connector](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[03P MTA100 CONN ASSY WHT](#)

PDF
English

[MD_3-640441-3_07142014755_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	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
Contact Retention Type	Locking Lance
Mating Retention Type	Locking Ramp
Panel Mount Retention	Without
Mating Alignment	Without

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	White
	Housing Style	Standard
	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 Headers & MTA .100 IDC Posted Connectors
	Pick and Place Cover	Without




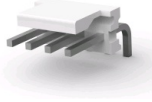
Industry Standards	UL Flammability Rating	UL 94V-2
	UL File Number	E28476
	CSA Rating	Certified
	Agency/Standard	CSA, UL
	CSA File Number	LR7189
	UL Rating	Recognized

Packaging Features	Packaging Method	Box/Carton
	Packaging Quantity	500

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

THROUGH-HOLE RESISTORS	WIRE-TO-BOARD HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS
 <p>LR0204 1% 91K LR0204F91K</p> <p>Save to List Find Similar Products</p>	 <p>04P MTA100 CONN ASSY WHT 3-640441-4</p> <p>Save to List Find Similar Products</p>	 <p>02P MTA100 CONN ASSY WHT 3-640441-2</p> <p>Save to List Find Similar Products</p>	 <p>04P MTA156 HDR ASSY SQ R/A F/L 640389-4</p> <p>Save to List Find Similar Products</p>

Products - 39 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

**03P MTA100 HDR ASSY
SQ STR - 640452-3**

TE INTERNAL NUMBER: 640452-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

PCB Mounting Orientation

Vertical

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
RA SN - 647053-3**

TE INTERNAL NUMBER: 647053-3

✓ 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**

