



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

04P MTA100 CONN ASSY POL RIB

[MTA](#) | [MTA-100](#)

3-643813-4

TE Internal Number: 3-643813-4

[Always EU RoHS/ELV Compliant](#)

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

Number of Positions **4**

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_3-643813-4_081820152319_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	4
	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 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
Mechanical Attachment	PCB Mount Alignment	Without

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 (mm²)	.3 – .4
	Insulation Diameter	1.52 mm [.06 in]
	Length (mm)	10.16
	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	RECTANGULAR POWER CONNECTORS	POWER CABLE ASSEMBLIES	BOARD-TO-BOARD HEADERS & RECEPTACLES
04P MTA100 MOLDED COVER 643075-4	06P UMNLCAP HSG 150C BLK 794536-1	Cable Assembly EPII 4 Pos 2154828-3	AMPMODU, 2.0MM, HDR, VRT MT, 8u" AU, 80P 8-1734508-0
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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS		
	<div>Connectors - W-T-B Headers & Receptacles</div> <div>MTA MTA-100</div> <div>04P MTA100 HRD ASSYF/L HT LF</div> <div>- 3-647051-4</div> <div>TE INTERNAL NUMBER: 3-647051-4</div> <div>Active</div>	<div>Always EU RoHS/ELV Compliant</div> <div>Centerline 2.54 mm</div> <div>Number of Positions 4</div> <div>PCB Mounting Orientation Right Angle</div> <div>PCB Mounting Style Through Hole</div> <div>Number of Rows 1</div>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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	<div>Connectors - W-T-B Headers & Receptacles</div> <div>MTA MTA-100</div> <div>04P MTA100 HDR ASSYF/L HT LF</div> <div>- 3-647051-4</div> <div>TE INTERNAL NUMBER: 3-647051-4</div> <div>Active</div>	<div>Always EU RoHS/ELV Compliant</div>



04P MTA100 HDR ASSY
SQ STR - 640452-4

TE INTERNAL NUMBER: 640452-4

✓ Active

Centerline **2.54 mm**

Number of Positions **4**

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

04P MTA100 HDR ASSY
R/A NARROW
- 3-644457-4

TE INTERNAL NUMBER: 3-644457-4

✓ Active

[Always EU RoHS/ELV Compliant](#)

Centerline **2.54 mm**

Number of Positions **4**

PCB Mounting Orientation **Right**

Angle

PCB Mounting Style **Through**

Hole

Number of Rows **1**

