



HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

03P MTA100 CONN ASSY 22AWG RED

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

640440-3

TE Internal Number: 640440-3
Alias ID: 403712094

[Not EU RoHS or ELV Compliant](#)
[Find Compliant Alternatives](#)

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

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating Material **Tin-Lead**

Contact Mating Area Plating Material Finish **Bright**

Product Drawings

[MTA 100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

PDF
3D

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

[MD_640440-3_0506201473_dmtec](#)


PDF
English

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-Lead
	Contact Mating Area Plating Material Finish	Bright
	Contact Mating Area Plating Thickness	2.03 µm [80 µin]
	Contact Termination Area Plating Thickness	2.03 – 5.08 µm [80 – 200 µin]
	Contact Termination Area Plating Material	Tin-Lead
	Contact Type	Socket
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Bright
	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	Red
	Housing Style	Standard
	Housing Material	Nylon
Dimensions	Height	6.99 mm [.275 in]
	Wire/Cable Size (AWG)	22
	Wire/Cable Size (mm²)	.3 – .4
	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	Bag/Box
	Packaging Quantity	500
Other	Comment	Stripe may run down between ribs

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES




16P MTA100 CONN ASSY
22AWG RED
1-640440-6

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BOARD-TO-BOARD HEADERS & RECEPTACLES




2MM FB, ASY, 24, SIG,
REC, SL, 2.73
5536507-1

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Find Similar Products

PCB CONNECTOR COVERS




03P MTA100 MOLDED
COVER
643075-3

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Find Similar Products

WIRE-TO-BOARD CONNECTOR HOUSINGS



10 AMP MODU MT ASSY
DR .100CL
5-102398-3

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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
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 MTA-100 HDR ASSY,
SM, SN - 3-647106-3**
TE INTERNAL NUMBER: 3-647106-3

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**

PRODUCT - MATING PRODUCTS		
	Connectors - W-T-B Headers & Receptacles MTA MTA-100	Always EU RoHS/ELV Compliant
	03P MTA100 HDR ASSY F/L HITEMP - 3-647050-3	Centerline 2.54 mm
	TE INTERNAL NUMBER: 3-647050-3	Number of Positions 3
	✓ Active	PCB Mounting Orientation Vertical
		PCB Mounting Style Through Hole
		Number of Rows 1