

HEADERS & RECEPTACLES



✓ Active



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 DRAWING](#)

English

[3D PDF](#)

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

English

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
<hr/>		
Configuration Features	Number of Positions	3
	Number of Rows	1
	Backwall/Post Interruptions	Without
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	250
<hr/>		
Body Features	Cable Exit Angle	90°
<hr/>		
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
<hr/>		
Termination Features	Termination Method to Wire/Cable	IDC
<hr/>		
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
<hr/>		
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Red
	Housing Style	Standard
	Housing Material	Nylon
<hr/>		
Dimensions	Height	6.99 mm [.275 in]
	Wire/Cable Size (AWG)	22
	Wire/Cable Size (mm ²)	.3 – .4
	Insulation Diameter	1.52 mm [.06 in]
	Length	7.62 mm [.3 in]
<hr/>		
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
<hr/>		
Operation/Application	For Use With	MTA .100 Headers & MTA .100 IDC Posted Connectors
	Pick and Place Cover	Without
<hr/>		
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
<hr/>		
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500
<hr/>		
Other	Comment	Stripe may run down between ribs
<hr/>		
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	BOARD-TO-BOARD HEADERS & RECEPTACLES	PCB CONNECTOR COVERS	WIRE-TO-BOARD CONNECTOR HOUSINGS
 16P MTA100 CONN ASSY 22AWG RED 1-640440-6	 2MM FB, ASY, 24, SIG, REC, SL, 2.73 5536507-1	 03P MTA100 MOLDED COVER 643075-3	 10 AMPMODU MT ASSY DR .100CL 5-102398-3
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 39 Results

[View All](#)

Compare 0/10 

Relation Type 

[See All Mating Products](#)

RELATIONSHIP

Mating Products

Used to identify Mating Parts



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**

RELATIONSHIP**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS	
	<input checked="" type="checkbox"/>
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
<input checked="" type="checkbox"/> Active	PCB Mounting Orientation
	Vertical
	PCB Mounting Style Through Hole
	Number of Rows 1