

### **HEADERS & RECEPTACLES**



















**PRODUCT DRAWING** 



3D PDF





3-640441-8

TE Internal Number: 3-640441-8 Alias ID: 2-42933-9056

Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in]

Number of Positions 8

Number of Rows 1

Contact Mating Area Plating Material Tin

Contact Mating Area Plating Material Finish Matte

**Product Drawings** 

MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD

PDF **English** 

**CAD Files** 

Customer View Model

2D DXF.ZIP

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

English

Product Environmental Compliance

TE Material Declaration MD\_3-640441-8\_02172012113

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.

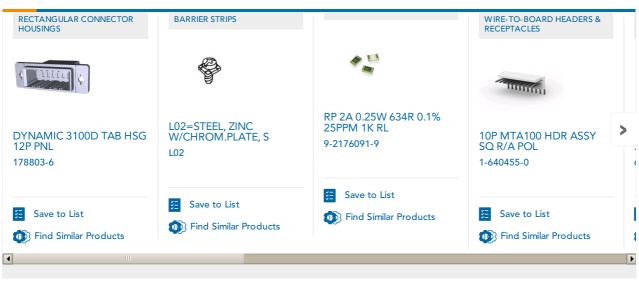
Product Type Features	Product Type	Connector
	Connector Type	Connector Assembly
	Connector System	Wire-to-Post
	Wire/Cable Type	Discrete Wire, Stranded
	Strain Relief	With
	Sealed	No
	Connector Style	Receptacle
	Applies To	Wire/Cable
	Connector Design	Closed End
Configuration Features	Number of Positions	8
	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

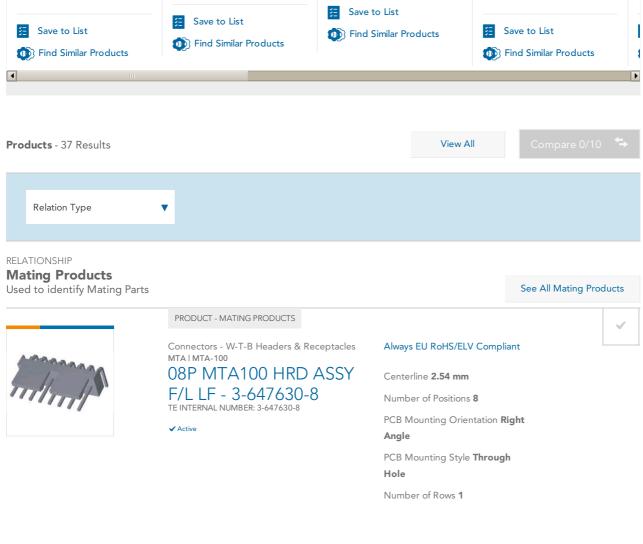
	Contact Retention	With
	Contact Retention Type	Locking Lance
	Mating Retention Type	Locking Ramp
	Panel Mount Retention	Without
	Mating Alignment	Without
Housing Features	Centerline	2.54 mm [ .1 in ]
	Housing Color	White
	Housing Style	Standard
	Housing Material	Nylon
Dimensions	Height	6.99 mm [ .275 in ]
	Wire/Cable Size (AWG)	24
	Wire/Cable Size (mm²)	.2
	Insulation Diameter	1.52 mm [ .06 in ]
	Length	20.32 mm [ .8 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

Statement of Compliance PDF

VIEW ALL PRODUCT COMPLIANCE

## **CUSTOMERS ALSO BOUGHT**







# Mating Products Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles MTA | MTA-100

08P MTA100 HDR ASSY SQ STR POL - 640454-8 TE INTERNAL NUMBER: 640454-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 8

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

08P MTA100 HDR ASSY, R/A, W/O#4 - 644437-1
TE INTERNAL NUMBER: 644437-1



#### Always EU RoHS/ELV Compliant

Centerline 2.54 mm

Number of Positions 8

PCB Mounting Orientation **Right** Angle

PCB Mounting Style **Through** 

Hole

Number of Rows 1

