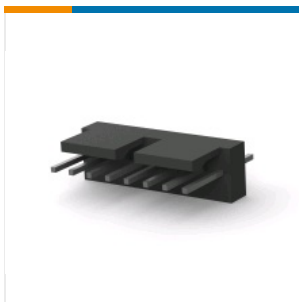




HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

08P MTA100 HDR ASSY F/L HITEMP

[MTA | MTA-100](#)

3-647050-8

TE Internal Number: 3-647050-8

Always EU RoHS/ELV Compliant

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

Number of Positions **8**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

[MTA-100 HEADER ASSY,HIGH TEMPERATURE FRICTION LOCK,.025 SQUARE,](#)
PDF
English

CAD Files

[3D PDF](#)
PDF
3D

[Customer View Model](#)
2D_DXF.ZIP
English

[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

Product Environmental Compliance

TE Material Declaration

[MD_3-647050-8_040520122251](#)
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	PCB Mounting Orientation	Vertical
	Product Type	Connector
	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	8
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	3.81 – 6.3 µm [150 – 250 µin]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness (µin)	150 – 250
	Underplate Material Thickness	1.27 µm, 50 µin
	Contact Style	Straight
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 – 6.3 µm [150 – 250 µin]
	Contact Type	Pin
	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 PC Board	Through Hole - Solder

Termination Method to Wire/Cable

Solder

Mechanical Attachment

PCB Mounting Style	Through Hole
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	Without
Contact Retention	Without
Mating Retention Type	Friction Lock
Panel Mount Retention	Without
Mating Alignment	Without

Housing Features

Centerline	2.54 mm [.1 in]
Housing Color	Black
Housing Style	Friction Lock
Housing Material	Nylon 4/6

Dimensions

Tail Length	3.43 mm [.135 in]
Mating Post Length	7.37 mm [.29 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]
Height	8.81 mm [.34 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

For Use With	MTA .100 Connector Assembly
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Industry Standards

UL Flammability Rating	UL 94V-0
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

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 56 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

**08P MTA100 CONN
ASSY GRN LF**
- 3-640623-8

TE INTERNAL NUMBER: 3-640623-8

Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **8**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**

Contact Mating Area Plating

Material Finish **Matte**

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 CONN
ASSY BLU - 640442-8**

TE INTERNAL NUMBER: 640442-8

Active

Not EU RoHS or ELV Compliant

Centerline **2.54 mm**

Number of Positions **8**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin-Lead**

Contact Mating Area Plating

Material Finish **Bright**

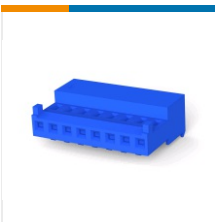
RELATIONSHIP

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 CONN
ASSY POL RIB**
- 3-643815-8

TE INTERNAL NUMBER: 3-643815-8

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **8**

Number of Rows **1**

✓ Active

Contact Mating Area Plating
Material **Tin**

Contact Mating Area Plating
Material Finish **Matte**