



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

08P MTA100 CONN ASSY F/T RED

MTA | MTA-100

640620-8

TE Internal Number: 640620-8

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

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

Number of Positions **8**

Number of Rows **1**

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

Contact Mating Area Plating Material Finish **Bright**

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 Environmental Compliance

TE Material Declaration

[MD_640620-8_08312015213_dmtec](#)

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 Board

	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	Feed Through
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Configuration Features	Number of Positions	8
	Number of Rows	1
	Backwall/Post Interruptions	Without
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Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Cable Exit Angle	90°
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Contact Features	Contact Mating Area Plating Material	Tin-Lead
	Contact Mating Area Plating Material Finish	Bright
	Contact Mating Area Plating Thickness	2.03 – 5.08 µm [80 – 200 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
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Termination Features	Termination Method to Wire/Cable	IDC
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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	7.75 mm [.305 in]
	Wire/Cable Size (AWG)	22
	Wire/Cable Size (mm ²)	.3 – .4
	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
Other	Comment	Stripe may run down between ribs
Product Compliance	<p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p>	

CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS	RIBBON CONNECTOR ACCESSORIES	SURFACE MOUNT RESISTORS	RIBBON CABLE CONNECTORS
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<p>15 RCPT SP/MS STD 5745185-1</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>2MM KEYING PLUG, COMB OF 10 111620-1</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>CPF 0402 549R 0.1% 25PPM 1K RL CPF0402B549RE1</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>050 UNIV HDR SP 4S 30DP STD L1 1-499206-0</p> <p> Save to List</p> <p> Find Similar Products</p>
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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

**08P MTA100 HDR ASSY
SQ R/A - 640453-8**

TE INTERNAL NUMBER: 640453-8

Active

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**

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
SQ STR - 640452-8**

TE INTERNAL NUMBER: 640452-8

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

PRODUCT - MATING PRODUCTS



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

08P MTA100 SHRD HDR ASSY RA FL - 2-644803-8

TE INTERNAL NUMBER: 2-644803-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **8**

PCB Mounting Orientation **Right
Angle**

Number of Rows **1**

Contact Mating Area Plating

Material **Tin**