



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

03P MTA100 SHRD HDR R/A 30AU L

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

2-644489-3

TE Internal Number: 2-644489-3

[Always EU RoHS/ELV Compliant](#)

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

Number of Positions **3**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

✓ Active

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

Product Drawings

[MTA-100 SHROUDED HEADER ASSEMBLY, FRICTION LOCK,RIGHT ANGLE POST, .000030 GOLD](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.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

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

Right Angle

Product Type

Connector

	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
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Configuration Features	Number of Positions	3
	Number of Rows	1
	Right Angle Bending Side	Front
	Backwall/Post Interruptions	Without
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Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 µm [30 µin]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness	.76 µm [30 µin]
	Underplate Material Thickness	1.27 µm, 50 µin
	Contact Style	Right Angle
	Contact Shape	Square
	Tail Plating Material	Tin-Lead
	Contact Termination Area Plating Material	Gold
	Tail Plating Thickness	3.81 – 6.3 µm [150 – 250 µin]
	Contact Type	Pin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Base Material	Copper Alloy
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Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	With

Mating Retention	With
PCB Mount Retention	Without
Contact Retention	Without
Mating Alignment Type	Polarizing Tab
Mating Retention Type	Friction Lock
Panel Mount Retention	Without
Mating Alignment	With

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	Friction Lock
	Housing Material	Polyester - GF

Dimensions	Tail Length	3.3 mm [.13 in]
	Mating Post Length	5.1 mm [.2 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Height	10.41 mm [.41 in]
	Length	9.75 mm [.384 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	Loose Piece
	Packaging Quantity	2000

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Relation Type ▼

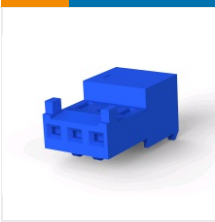
RELATIONSHIP

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 CONN
ASSY LF - 3-644043-3**

TE INTERNAL NUMBER: 3-644043-3
ALIAS ID: 1371899

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**



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 CONN
ASSY W/TB LF
- 3-644726-3**

TE INTERNAL NUMBER: 3-644726-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**



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 CONN
ASSY 30AU - 644042-3**

TE INTERNAL NUMBER: 644042-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **3**

Number of Rows **1**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.76 µm**



