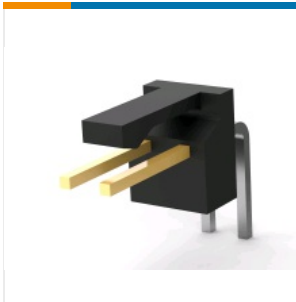




HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

02P MTA100 HDR FLRAFB 15AU LF

MTA | MTA-100

3-647079-2

TE Internal Number: 3-647079-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MTA-100 HEADER ASSEMBLY,HIGH TEMPERATURE,](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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

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 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	2
	Number of Rows	1
	Right Angle Bending Side	Front
	Backwall/Post Interruptions	Without

Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Header Type	Unshrouded
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.38 μm [15 μin]
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness (μin)	150 – 350
	Underplate Material Thickness	1.27 μm, 50 μin
	Contact Style	Right Angle
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	3.81 – 8.89 μm [150 – 350 μin]
	Contact Type	Pin
	Contact Transmits (Typical)	Power
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Tail Plating Material Finish	Matte
	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	3.56 mm [.14 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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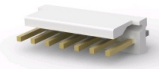
Operation/Application	For Use With	MTA .100 Connector Assembly
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Industry Standards	UL Flammability Rating	UL 94V-0
	UL File Number	E28476
	CSA Rating	Certified
	Agency/Standard	CSA, UL
	CSA File Number	LR7189
	UL Rating	Recognized

Packaging Features	Packaging Method	Box/Carton
	Packaging Quantity	500

Product Compliance [Statement of Compliance](#)
PDF
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD CONNECTOR HOUSINGS	WIRE-TO-BOARD CONNECTOR CONTACTS	WIRE-TO-BOARD HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS
			
CST-100 II HOUSING 13 POS 1-1375820-3	SL156 RECPT, AUNI/PHBZ 770476-2	07P MTA100 HDR ASSY FL/ST 30AU 3-641215-7	07P MTA156 HDR ASSY FL ST LF 3-641208-7
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 - 18 Results

[View All](#)

[Compare 0/10](#)

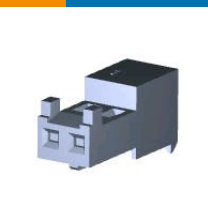
Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)


PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>02P MTA100 CONN ASSY POL LF - 3-644040-2</p> <p>TE INTERNAL NUMBER: 3-644040-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 2</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Gold</p> <p>Contact Mating Area Plating Thickness .38 µm</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - W-T-B Headers & Receptacles MTA MTA-100</p> <p>02P MTA100 CONN ASSY LF - 3-1744020-2</p> <p>TE INTERNAL NUMBER: 3-1744020-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>Number of Positions 2</p> <p>Number of Rows 1</p> <p>Contact Mating Area Plating Material Gold</p> <p>Contact Mating Area Plating</p>

Thickness **.38 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

02P MTA100 CONN

ASSY WHT 15AU

- 641199-2

TE INTERNAL NUMBER: 641199-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

Number of Rows **1**

Contact Mating Area Plating

Material **Gold**

Contact Mating Area Plating

Thickness **.38 μm**

