



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

02P MTA100 CONN ASSY 30AU

MTA | MTA-100

3-644020-2

TE Internal Number: 3-644020-2

Always EU RoHS/ELV Compliant

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

Number of Positions **2**

Number of Rows **1**

Contact Mating Area Plating Material **Gold**

Contact Mating Area Plating Thickness **.76 µm [30 µin]**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[MTA 100 CONNECTOR ASSEMBLY, 24 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 Specifications

Product Specification

[Connector, MTA-100](#)

PDF
English

Application Specification

[MTA 100 Connector](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_3-644020-2_12302014033_dmtec](#)

PDF
English

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
	Connector Style	Receptacle
	Applies To	Wire/Cable
	Connector Design	Closed End
Sealed	No	

Configuration Features	Number of Positions	2
	Number of Rows	1
	Backwall/Post Interruptions	Without

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	Gold
	Contact Mating Area Plating Thickness	.76 μm [30 μin]
	Contact Type	Socket
	Underplate Material	Nickel
	Contact Termination Area Plating Thickness	.76 μm [30 μin]
	Contact Transmits (Typical)	Power
	Underplate Material Thickness	1.27 – 1.77 μm, 50 – 69.685 μin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy	

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

Panel Mount Retention	Without
Contact Retention	With
Mating Alignment Type	Polarizing Tab
Contact Retention Type	Locking Lance
Mating Alignment	With
Mating Retention Type	Locking Ramp

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	White
	Housing Style	Standard
	Housing Material	Nylon

Dimensions	Wire/Cable Size (mm ²)	.2
	Insulation Diameter	1.52 mm [.06 in]
	Length	5.08 mm [.2 in]
	Height	6.99 mm [.275 in]
	Wire/Cable Size (AWG)	24

Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application	For Use With	MTA .100 Header
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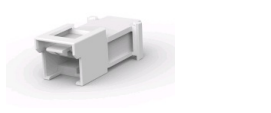









Industry Standards	UL File Number	E28476
	UL Flammability Rating	UL 94V-2
	CSA Rating	Certified
	Agency/Standard	CSA, UL
	CSA File Number	LR7189
	UL Rating	Recognized

Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS	STANDARD EDGE CONNECTORS	RECTANGULAR POWER CONNECTORS
 <p>02P MTA100 CONN ASSY POL RIB 643814-2</p>	 <p>12P MTA156 CONN ASSY 22AWG LF 4-643819-2</p>	 <p>2POS TAB HEADER HOUSING FOR DUOPLUG 1718044-2</p>	 <p>06P UMNLI II PLUG REAR 94VO 770038-1</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

**02P MTA100 HDR HT FL
STR 30AU - 647116-2**

TE INTERNAL NUMBER: 647116-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

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

**02P MTA100 HDR ASSY
PO/ST LF - 3-641213-2**

TE INTERNAL NUMBER: 3-641213-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through**

Hole

Number of Rows **1**

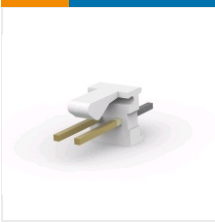
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

02P MTA100 HDR ASSY FL/ST 30AU - 641215-2

TE INTERNAL NUMBER: 641215-2
ALIAS ID: 405384330

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **2**

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through**

Hole

Number of Rows **1**