



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

02P MTA100 SHRD HDR ASSY 30AU

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

2-644487-2

TE Internal Number: 2-644487-2

[Always EU RoHS/ELV Compliant](#)

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

Number of Positions **2**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

✓ Active

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

Product Drawings

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

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

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_2-644487-2_05172013333_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	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	2
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Shrouded
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	Straight
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Gold
	Tail Plating Thickness	3.81 – 8.89 μm [150 – 350 μin]
	Contact Type	Pin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Tail Plating Material Finish	Bright
	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	With
	PCB Mount Alignment Type	Pegs
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Tabs
	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	3.56 mm [.14 in]
	Mating Post Length	5.1 mm [.2 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Height	10.41 mm [.41 in]
	Length	7.21 mm [.284 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	MTA .100 Connector Assembly
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	2000

Other

Comment



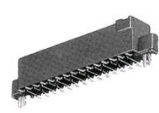

Straight post header style with polarized retention peg available upon request. Minimums may apply

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	BOARD-TO-BOARD HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS
			
04P MTA100 SHRD HDR ASSY 30AU 2-644487-4	70 50/50 HDR DRST SFMNT.390 SN 5-104693-7	70 50/50 GRID DRST SFMNT RCPT 5-104652-7	06P UMNL PIN HDR ASSY POL NATL 643407-1
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	Connectors - W-T-B Headers & Receptacles MTA MTA-100 02 CIR MTA-100 THR CON BLUE LF - 3-641243-2 TE INTERNAL NUMBER: 3-641243-2 ✓ 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 .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

02P MTA100 CONN ASSY 30AU - 644042-2

TE INTERNAL NUMBER: 644042-2

✓ 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 **.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

02P MTA100 CONN ASSY RED LF - 3-641241-2

TE INTERNAL NUMBER: 3-641241-2

✓ 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 **.76 µm**

