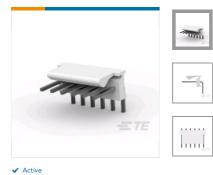


## **HEADERS & RECEPTACLES**



PRODUCT DRAWING

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English

🛃 3D PDF

## TE CONNECTIVITY (TE) 06P MTA100 HDR ASSY SQ R/A F/L

640457-6 TE Internal Number: 640457-6

MTA | MTA-100

## Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in]

Termination Method to Wire/Cable **Solder** Number of Positions **6** 

PCB Mounting Orientation Right Angle

PCB Mounting Style Through Hole

Product Drawings	MTA 100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE RIGHT ANGLE POST, TIN PLATED PDF English
CAD Files	Customer View Model 2D_DXF.ZIP English
	Customer View Model 3D_IGS.ZIP
	English Customer View Model 3D_STP.ZIP English
	3D PDF PDF 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	06P MTA100 HDR ASSY SQ R/A F/L 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.

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
Configuration Features	Number of Positions	6
	Number of Rows	1
	Right Angle Bending Side	Front
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	3.81 µm [ 150 µin ]
	Underplate Material	Nickel
	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 µm [ 150 µin ]
	Contact Type	Pin
	Contact Current Rating (A)	5
	Contact Layout	Inline
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	With
	PCR Mount Retention	Without

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	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	Natural
	Housing Style	Friction Lock
	Housing Material	Polyester - GF
Dimensions	Tail Length	3.56 mm [ .14 in ]
	Mating Post Length	7.49 mm [ .295 in ]
	PCB Thickness (Recommended)	1.6 mm [ .063 in ]
	Height	7.87 mm [ .31 in ]
	Length	15.24 mm [ .6 in ]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [ -67 – 221 °F ]
Operation/Application	For Use With	MTA .100 Connector Assembly
	Pick and Place Cover	Without
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	Package
	Packaging Quantity	1

Product Compliance

Statement of Compliance PDF

VIEW ALL PRODUCT COMPLIANCE