

HEADERS & RECEPTACLES



PRODUCT DRAWING

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English

🛃 3D PDF

TE CONNECTIVITY (TE) 04P MTA100 HDR ASSY F/L SQ STR MTA | MTA-100

y b f **v**

640456-4 TE Internal Number: 640456-4 Alias ID: 1220249

Always EU RoHS/ELV Compliant

Centerline 2.54 mm [.1 in] Number of Positions 4 PCB Mounting Orientation Vertical PCB Mounting Style Through Hole Number of Rows 1

Product Drawings	MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED 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 Environmental Compliance	
TE Material Declaration	MD_640456-4_05282015428_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.

PCB Mounting Orientation

Vertical

Product Type

Connector

	Connector Type	Header
	Connector System	Wire-to-Board
	Strain Relief	Without
	Sealed	Νο
	Connector Style	Plug
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	4
	Number of Rows	1
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Unshrouded
body realules	neader type	Ulanouded
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	Straight
	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 PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without
	Mating Retention	Without
	PCB Mount Retention	Without
	Contact Retention	Without

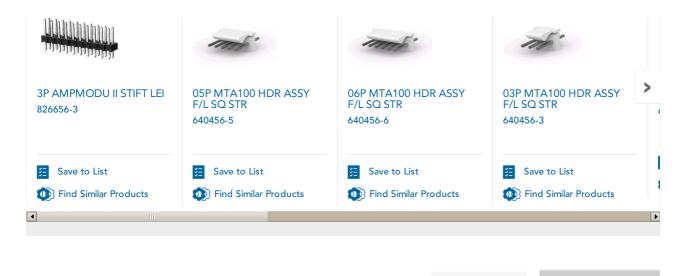
		Without
	Panel Mount Retention	Without
	Mating Alignment	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Natural
	Housing Style	Friction Lock
	Housing Material	Polyester - GF
Dimensions	Tail Length	3.56 mm [.14 in]
	Mating Post Length	7.49 mm [.295 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Height	7.87 mm [.31 in]
	Length	10.16 mm [.4 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	5000

Product Compliance

Statement of Compliance PDF

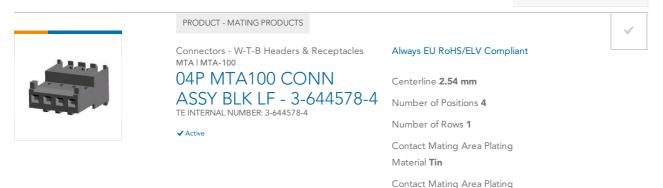
VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP **Mating Products** Used to identify Mating Parts



RELATIONSHIP **Mating Products** Used to identify Mating Parts

See All Mating Products

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles MTA I MTA-100 04P MTA100 CONN

ASSY BLK LF - 3-644497-4 TE INTERNAL NUMBER: 3-644497-4

✓ Active

Always EU RoHS/ELV Compliant

Material Finish Matte

Centerline **2.54 mm** Number of Positions **4** Number of Rows **1** Contact Mating Area Plating Material **Tin** Contact Mating Area Plating

Material Finish **Matte**



PRODUCT - MATING PRODUCTS

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

04P MTA100 CONN ASSY BLK SPCL - 644577-4

TE INTERNAL NUMBER: 644577-4

✓ Active

Not EU RoHS or ELV Compliant

Centerline 2.54 mm

Number of Positions 4

Number of Rows **1**

Contact Mating Area Plating Material **Tin-Lead**

Contact Mating Area Plating Material Finish **Bright**