

3-1744400-4 Product Details

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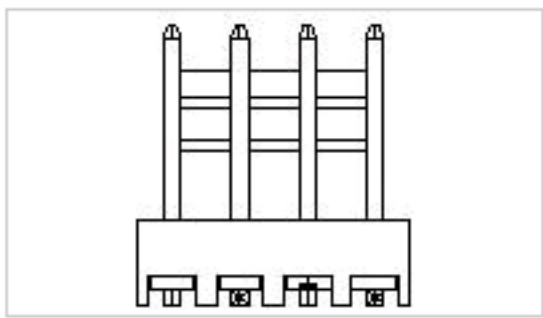
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MTA, CST-100 II, MT-6 and SL Connectors and Headers

04P MTA100 HDR ASSY SM 30AU W

3-1744400-4

TE Internal Number: 3-1744400-4

- Product Highlights [View All](#)
- MTA-100 Product Line
 - MTA Series
 - Wire-to-Board
 - Applies To Printed Circuit Board
 - Connector

Pricing & Availability

➤

Request Sample

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Buy Product through Distributor

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Feedback

Documents

Features

Compliance

Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Line	MTA-100
Product Type	Connector
Connector Type	Header
Post Size (mm [in])	0.64 [.025]
PCB Mounting Orientation	Vertical
PCB Mount Retention	Without
PCB Mount Alignment	Without
Sealed	No
CSA File Number	LR7189

Mechanical Attachment	
Contact Retention	Without
Mating Retention Type	Friction Lock
Panel Mount Retention	Without

Electrical Characteristics	
Contact - Rated Current (A)	5
Operating Voltage Reference	AC
Operating Voltage (VAC)	250

Termination Features	
Termination Method to Wire/Cable	Solder
Termination Method to PC Board	Surface Mount

Dimensions	
Mating Post Length (mm [in])	7.37 [0.290]
Tail Length (mm [in])	4.04 [0.159]
PCB Thickness, Recommended (mm [in])	0.25 [0.010]

Body Features	
Header Type	Unshrouded
Mating Retention	With
Assembly Integration Feature	Without

Contact Features	
Contact Type	Pin
Contact Shape	Square
Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material	Gold
Tail Plating Material	Matte Tin
Contact Style	Straight
Contact Layout	In-Line
Multiple Contact Types	Without
Contact Plating, Mating Area, Thickness (µm [µin])	0.76 [29.92]
Tail Plating Thickness (µm [µin])	3.81 – 8.89 [150 – 350]
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.27 [50.000]

Housing Features	
Connector Style	Plug
Centerline (mm [in])	2.54 [0.100]
Housing Style	Friction Lock
Housing Material	Nylon - GF
Housing Color	Black
Mating Alignment	Without

Configuration Features	
Number of Positions	4
Backwall/Post Interruption(s)	Without
Strain Relief	Without
Number of Rows	1

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Reflow solder capable to 245°C, Reflow solder capable to 260°C
RoHS/ELV Compliance History	Always was RoHS compliant
Agency/Standard	UL, CSA
UL Rating	Recognized
CSA Rating	Certified
UL File Number	E28476
UL Flammability Rating	UL 94V-0

Environmental	
Operating Temperature (°C [°F])	-55 – +105 [-67 – +221]

Conditions for Usage	
Applies To	Printed Circuit Board
For Use With	MTA .100 Connector Assembly

Operation/Application	
Application Use	Wire-to-Board

Packaging Features	
Packaging Method	Package
Packaging Quantity	225

Other	
Series	MTA
Brand	TE Connectivity

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