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641937-3

TE Internal Number: 641937-3

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

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

MTA-156 Product Line

MTA Series

Wire-to-Board

Applies To Printed Circuit Board

Connector

View all Features

Quick Links

Check Pricing & Availability

Search for Tooling

Product Feature Selector

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Documentation & Additional Information

Product Drawings:

None Available

Catalog Pages/Data Sheets:

None Available

Product Specifications:

None Available

Application Specifications:

None Available

Instruction Sheets:

None Available

CAD Files: (CAD Format & Compression Information)

2D Drawing (DXF, Version M)

3D Model (IGES, Version M)

3D Model (STEP, Version M)

Additional Information:

Product Line Information

Related Products:

Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

Product Line = MTA-156

Series = MTA

Product Type = Connector

Connector Type = Header

Termination Method to Wire/Cable = Solder

Post Size (mm [in]) = 1.14 [.045]

Termination Method to PC Board = Through Hole - Solder

PCB Mounting Orientation = Vertical

PCB Mount Retention = Without

PCB Mount Alignment = Without

Strain Relief = Without

Sealed = No

UL File Number = E28476

CSA File Number = LR7189

Mechanical Attachment:

Contact Retention = Without

Mating Retention Type = Friction Lock

Panel Mount Retention = Without

Electrical Characteristics:

Contact - Rated Current (A) = 7

Operating Voltage Reference = AC

Operating Voltage (VAC) = 600

Termination Features:

Tail Length (mm [in]) = 3.18 [0.125]

Dimensions:

Mating Post Length (mm [in]) = 10.16 [0.400]

PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]

Body Features:

Header Type = Unshrouded

Mating Retention = With

Underplate Material Thickness (µm [µin]) = 1.27 [50.000]

Assembly Integration Feature = Without

Contact Features:

Contact Type = Pin

Contact Shape = Square

Contact Base Material = Copper Alloy

Contact Plating, Mating Area, Material = Tin

Tail Plating Material = Tin

Contact Style = Straight

Contact Layout = In-Line

Multiple Contact Types = Without

Contact Plating, Mating Area, Thickness (µm [µin]) = 2.54 [100]

Tail Plating Thickness (µm [µin]) = 2.54 [100]

Underplate Material = Nickel

Housing Features:

Connector Style = Plug

Centerline (mm [in]) = 3.96 [0.156]

Housing Style = Friction Lock

Housing Material = Polyester GF

Housing Color = Natural

Mating Alignment = Without

UL Flammability Rating = UL 94V-0

Configuration Features:

Number of Positions = 3

Number of Loaded Positions = 2

Number of Blocked Positions = 1

Post Number(s) Omitted = 1

Backwall/Post Interruption(s) = Without

Number of Rows = 1

Industry Standards:

RoHS/ELV Compliance = RoHS compliant, ELV compliant

Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

RoHS/ELV Compliance History = Always was RoHS compliant

Agency/Standard = CSA, UL

UL Rating = Recognized

CSA Rating = Certified

Environmental:

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

Conditions for Usage:

Applies To = Printed Circuit Board

For Use With = MTA .156 Connector Assembly or SL .156 Connector Assembly

Operation/Application:

Application Use = Wire-to-Board

Packaging Features:

Packaging Method = Package

Packaging Quantity = 1

Other:

Brand = AMP

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