641937-3 Product Details

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641937-3

TE Internal Number: 641937-3

Active

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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

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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)

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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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