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Home > Products > Cabled Power Connectors > Product Feature Selector > Product Details

4-640621-4 Product Details

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TE Internal Number: 4-640621-4

✔ 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-100 Product Line
- MTA Series
- Wire-to-Post
- Applies To Wire/Cable
- Connector

View all Features

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- ▷ Pricing & Availability
- ▷ Search for Tooling
- ▷ View Mating Products (22)
- ▷ Product Feature Selector
- ▷ Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD (PDF, English)

Catalog Pages/Data Sheets:
- MTA, CST-100 II, SL-156 and AMP Economy Power (EP) C... (PDF, English)

Product Specifications:
- Connector, MTA-100 (PDF, English)

Application Specifications:
- MTA 100 Connector (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version V)
- 3D Model (IGES, Version V)
- 3D Model (STEP, Version V)

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (22)

List all Documents

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

Product Type Features:
- Product Line = MTA-100
- Product Type = Connector
- Connector Type = Connector Assembly
- PCB Mount Retention = Without
- PCB Mount Alignment = Without
- Connector Design = Feed Through
- Wire/Cable Type = Discrete Wire
- Sealed = No
- CSA File Number = LR7189

Mechanical Attachment:
- Contact Retention = With
- Mating Retention Type = Locking Ramp
- Panel Mount Retention = Without
- Contact Retention Type = Locking Lance

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

Termination Features:
- Wire/Cable Size (mm²) = 0.2
- Wire/Cable Size (AWG) = 24
- Termination Method to Wire/Cable = IDC

Body Features:
- Wire Type = Stranded

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 2.54 [0.100]
- Housing Style = Standard
- Housing Material = Nylon - GF
- Housing Color = White
- Mating Alignment = Without

Configuration Features:
- Number of Positions = 14
- Backwall/Post Interruption(s) = Without
- Strain Relief = With
- Number of Rows = 1

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Agency/Standard = CSA, UL
- UL Rating = Recognized
- CSA Rating = Certified
- UL File Number = E28476
- UL Flammability Rating = UL 94V-2

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

Conditions for Usage:
- Applies To = Wire/Cable

- Mating Retention = With
- Cable Exit Angle = 90°
- Assembly Integration Feature = Without

Contact Features:
- Contact Type = Socket
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Matte Tin
- Contact Layout = In-Line
- Multiple Contact Types = Without
- Contact Plating, Mating Area, Thickness (μm [μin]) = 2.03 – 5.08 [80 – 200]
- Underplate Material = Nickel
- Underplate Material Thickness (μm [μin]) = 0.762 [30.000]

- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.52 [0.060]
- For Use With = MTA .100 Headers & MTA .100 IDC Posted Connectors

Operation/Application:
- Application Use = Wire-to-Post

Packaging Features:
- Packaging Method = Bag
- Packaging Quantity = 250

Other:
- Series = MTA
- Brand = AMP