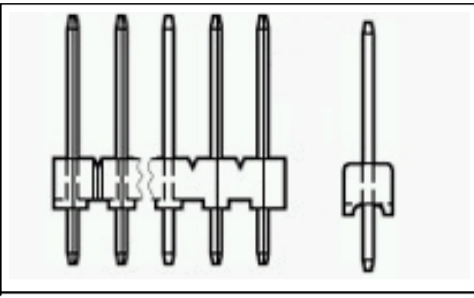


### 3-644748 -1 Product Details



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

[Always EU RoHS/ELV Compliant](#) ( [Statement of Compliance](#) )

#### Product Highlights:

- ? MTA-100 Connectors
- ? Number of Positions = 3
- ? Mating Type = Header
- ? Wire -to -Board Application
- ? 2.54 mm Contact Centerline Spacing

[View all Features](#) | [Find Similar Products](#)

#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(102\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

**3-644748 -1**

TE Part Number: 3 -644748 -1

[Active](#)

[Add to Part List](#)

### Documentation & Additional Information

#### Product Drawings:

- ? [MTA-100 HEADER ASSEMBLY, NARROW .025 SQUARE STRAIGHT...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- ? None Available

#### Product Specifications:

- ? [Connector, MTA 100](#) (PDF, English)

#### Application Specifications:

- ? None Available

#### Instruction Sheets:

- ? None Available

#### CAD Files:

- ? None Available

#### Additional Information:

- ? [Product Line Information](#)

#### Related Products:

- ? [Tooling](#)
- ? [Mating Products \(102\)](#)

[List all Documents](#)

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

#### Product Type Features:

- ? [Product Type](#) = MTA -100 Connectors
- ? [Number of Positions](#) = 3
- ? [Mating Type](#) = Header
- ? [PCB Mount Angle](#) = Vertical
- ? [PCB Retention Feature](#) = Yes
- ? [Mating Polarization](#) = Without
- ? Mating Connector Lock = Without
- ? [Four Points of Contact](#) = Without
- ? [Shrouded](#) = No
- ? [Mounting Ears](#) = Without
- ? PCB Thickness (mm [in]) = 1.60 [0.063]
- ? Post Size (mm [in]) = 0.64 [.025]

#### Mechanical Attachment:

- ? [Panel Attachment](#) = Without

#### Electrical Characteristics:

- ? Voltage Rating (VAC) = 250

#### Termination Related Features:

- ? [Solder Tail Contact Plating](#) = Tin
- ? Termination (Solder) Post Length (mm [in]) = 2.79 [0.110]

#### Body Related Features:

- ? [Narrow](#) = Yes
- ? [Post Number\(s\) Omitted](#) = 2
- ? Solder Tail Contact Material = Copper Alloy
- ? PCB Retention Method = Boardlock(s)

#### Contact Related Features:

- ? [Contact Centerline Spacing \(mm \[in\]\)](#) = 2.54 [0.100]
- ? [Contact Shape](#) = Square
- ? [Contact Mating Area Plating Material](#) = Tin
- ? [Contact Material](#) = Copper Alloy
- ? Retention Post(s) Location = 1, 3

#### Housing Related Features:

- ? Housing Color = Natural
- ? Housing Flammability Rating = UL 94V -0
- ? Housing Material = Thermoplastic Polyester

#### Configuration Related Features:

- ? [Backwall/Post Interruption\(s\)](#) = Without

#### Industry Standards:

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C
- ? RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

- ? [Terminate To](#) = Printed Circuit Board

#### Operation/Application:

- ? [Application](#) = Wire -to -Board

#### Other:

- ? Brand = AMP