

**Product Details for 5 -1437049 -0**



**5-1437049 -0**

[Active](#)

**Pin and Pinless Headers (AMP -LATCH)**

[5 of 6 RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Compliance Statement](#))

**Product Highlights:**

- ? Connector Type = Pin Headers
- ? Low Profile
- ? Number of Positions = 16
- ? 2.54 x 2.54 mm Centerline, Matrix
- ? PCB Mount Angle = Vertical

[View all Features](#)

**Quick Links**

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

**Documentation & Additional Information**

**Product Drawings:**

- ? [HEADER ASSEMBLY, VERTICAL, LOW PROFILE, SHORT EJECT ...](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- ? None Available

**Product Specifications:**

- ? None Available

**Application Specifications:**

- ? None Available

**Instruction Sheets:**

- ? None Available

**CAD Files:**

- ? None Available

**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:**

- ? Connector Type = Pin Headers
- ? [Profile](#) = Low
- ? [Number of Positions](#) = 16
- ? [PCB Mount Angle](#) = Vertical
- ? [PCB Retention Feature](#) = Without
- ? [Mating Polarization Method](#) = Center, Dual Polarizing Bar
- ? [Mating Connector Lock](#) = Without
- ? [Housing Style](#) = 4 -Sided
- ? [Ejection Latches](#) = With
- ? Post Size (mm [in]) = 0.64 [.025]
- ? Shrouded = Yes
- ? Mating Polarization = With
- ? Shrouded End Dimension (mm [in]) = 3.81 [0.150]

**Termination Related Features:**

- ? [Termination Post Length \(mm \[in\]\)](#) = 2.60 [0.102]

**Body Related Features:**

- ? [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- ? Daisy Chain = With

**Contact Related Features:**

- ? [Contact Mating Area Plating](#) = Gold (30) over Nickel
- ? Contact Shape = Square
- ? Contact Material = Phosphor Bronze

**Housing Related Features:**

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

**Industry Standards:**

- ? [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

**Conditions for Usage:**

- ? [Temperature Rating](#) = Standard

**Other:**

- ? Brand = AMP