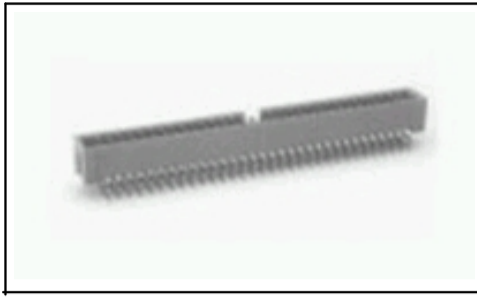


Product Details for 7 -1437045 -3



7-1437045 -3

[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 = 40
- ? 2.54 x 2.54 mm Centerline, Matrix
- ? PCB Mount Angle = Right Angle

[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, RIGHT ANGLE, LOW PROFILE, IDC](#) (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](#) = 40
- ? [PCB Mount Angle](#) = Right Angle
- ? [PCB Retention Feature](#) = Without
- ? [Mating Polarization Method](#) = Center, Dual Polarizing Bar
- ? [Mating Connector Lock](#) = Without
- ? [Housing Style](#) = 4 -Sided
- ? [Ejection Latches](#) = Without
- ? 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
- ? Contact Termination Area Plating = Gold (30) over Nickel

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