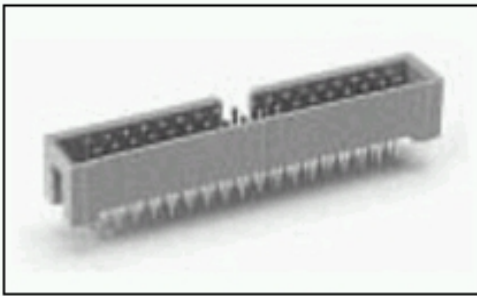


8-1437044-0 Product Details

[Live Product Chat](#)



Pin and Pinless Headers (AMP-LATCH)

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

Product Highlights:

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

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

Quick Links

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

NEW!

8-1437044-0
(609-1627)

TE Part Number: 8-1437044-0

Superseded

[Add to Part List](#)
[Search for Replacement Parts](#)

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 B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

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 Header
- [Profile](#) = Low
- [Number of Positions](#) = 16
- [PCB Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = No
- [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 \(Solder\) Post Length \(mm \[in\]\)](#) = 2.60 [0.102]
- Solder Tail Contact Plating = Tin-Lead over Nickel

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 Material](#) = 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