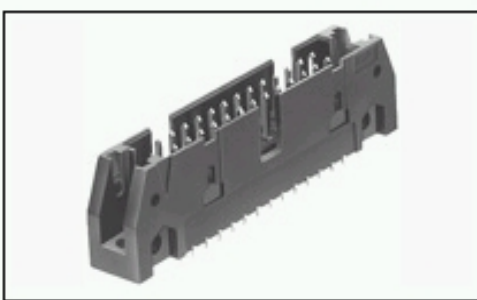


1-827745-6 Product Details

[Live Product Chat](#)



1-827745-6

TE Part Number: 1-827745-6

Active

[Add to Part List](#)

Pin and Pinless Headers (AMP-LATCH)

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

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!

Documentation & Additional Information

Product Drawings:

- [AMP-LATCH 180 DEG](#) (PDF, English)

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 C1)
- [3D Model](#) (IGES, Version C1)
- [3D Model](#) (STEP, Version C1)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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 Connector Lock](#) = Without
- [Housing Style](#) = 4-Sided
- [Ejection Latches](#) = Without
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes
- Comment = Mating Polarization optional. Use "Snap In Polarizing Ribs" part number 927636-2 or part number 927637-2.

Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.00 [0.118]
- Solder Tail Contact Plating = Tin

Body Related Features:

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

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30) over Nickel
- Contact Shape = Round
- Contact Material = Brass

Housing Related Features:

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

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- [Temperature Rating](#) = Standard

Packaging Related Features:

- Packaging Quantity = 48

Other:

- Brand = AMP