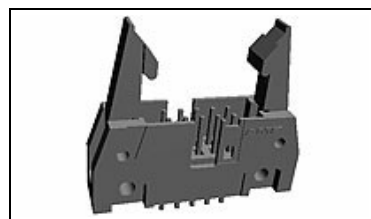




1-5746443-0 Product Details

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1-5746443-0

TE Internal Number: 1-5746443-0

Active
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AMP-LATCH Pin and Pinless Headers

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Header
- Header Type = Universal Ejection Pin Headers
- AMP-LATCH Product Line
- Standard Profile
- 50 Positions

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSY, UNIVERSAL, AMP-LATCH \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [AMP-LATCH ACTION PIN Header Connector \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version D\)](#)
- [3D Model \(IGES, Version D\)](#)
- [3D Model \(STEP, Version D\)](#)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(5\)](#)

Feedback

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

Product Type Features:

- Connector Type = Header
- Product Line = AMP-LATCH
- Profile = Standard
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = With
- PCB Mount Retention Type = Action/Compliant Tail
- Mating Connector Lock = With
- Ejection Latches = With
- Post Size (mm [in]) = 0.64 [.025]
- Latch Type = Long
- Mating Connector Lock Type = Latch

Termination Features:

- [Termination Post Length \(mm \[in\]\) = 4.42 \[0.174\]](#)

Dimensions:

- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

Body Features:

- [Header Type](#) = Universal Ejection Pin Headers

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Shape = Square
- Solder Tail Contact Plating = Tin

Housing Features:

- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Mating Alignment Type](#) = Center & Dual, Military
- [Housing Style](#) = 4-Sided
- Mating Alignment = With
- Housing Material = Nylon - GF
- Housing Color = Black

Configuration Features:

- [Number of Positions](#) = 50
- Shrouded = Yes

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Flammability Rating = UL 94V-0

Conditions for Usage:

- [Temperature Rating](#) = Standard

Other:

- Brand = AMP
- Comment = Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown.

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