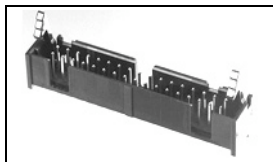


## 1-1761606-3 Product Details



**1-1761606-3**

TE Internal Number: 1-1761606-3



[Active](#)



[View 3D PDF](#)

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



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

#### Product Highlights:

- Preloaded
- Connector Style = Header - Pin
- Header Type = Pin Header
- AMP-LATCH Product Line
- Low Profile

[View all Features](#)

### Documentation & Additional Information

#### Product Drawings:

- [HEADER ASSEMBLY, VERTICAL, LONG EJECT LATCH, LOW PRO...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [Ribbon Cable Interconnect Solutions](#) (PDF, English)

#### Product Specifications:

- [AMP-LATCH\\* and IDC Header Connectors, .100 x .100 In...](#) (PDF, English)

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files: ([CAD Format & Compression Information](#))

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

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)

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

#### Product Type Features:

- Product Line = AMP-LATCH
- [Profile](#) = Low
- [PCB Mounting Orientation](#) = Vertical
- [PCB Mount Retention](#) = Without
- [Mating Connector Lock](#) = Without
- [Housing Style](#) = 4-Sided
- [Ejection Latches](#) = With
- Post Size (mm [in]) = 0.64 [.025]
- Shrouded = Yes
- [Shrouded] End Dimension (mm [in]) = 3.81 [0.150]

#### Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.60 [0.102]
- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- Header Type = Pin Header
- [Number of Positions](#) = 40
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- Daisy Chain = With

#### Contact Related Features:

- Preloaded = Yes
- [Contact Plating, Mating Area, Material](#) = Gold Flash over

#### Housing Related Features:

- Connector Style = Header - Pin
- [Mating Alignment Type](#) = Center, Military
- Mating Alignment = With
- Housing Material = Nylon
- UL 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

#### Other:

- Brand = AMP

<p>Palladium Nickel</p> <ul style="list-style-type: none"><li>• Contact Shape = Square</li><li>• Contact Base Material = Phosphor Bronze</li></ul>	
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