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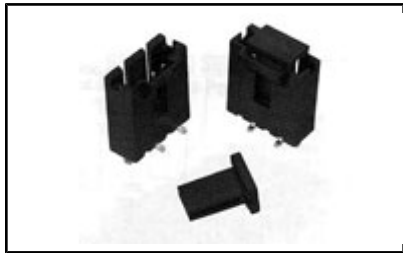
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[Home](#) > [Products](#) > [By Type](#) > [PCB Connectors](#) > [Product Feature Selector](#) > Product Details

# 5-1375583-5 Product Details

 **Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



5-1375583-5



[Active](#)

### .100 AMPMODU Headers, Housings & Contacts



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

#### Product Highlights:

- Header
- Number of Positions = 6
- Number of Rows = Single
- Post Size = 0.64 [.025] mm [in]
- Terminate To Printed Circuit Board

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#### Quick Links

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#### Documentation & Additional Information

**Product Drawings:**

- [AMPMODU MTE SURFACE MOUNT, VERTICAL HEADER ASSEMBLY](#) (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 D)
- [3D Model](#) (IGES, Version D)
- [3D Model](#) (STEP, Version D)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)

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

- [Product Type](#) = Header
- [Number of Positions](#) = 6
- [Post Size \(mm \[in\]\)](#) = 0.64 [.025]
- [PCB Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = Yes
- [PCB Mount Style](#) = Surface Mount
- [Mating Polarization](#) = With
- [Mating Polarization Method](#) = Latched
- [Connector Series](#) = MTE
- Wire Termination Type = Crimp, Insulation Displacement Crimp (IDC)
- Comment = Use Keying Tool No. 91417-1 to remove post for keying.

**Electrical Characteristics:**

- Contact Current Rating (Amps.) = 3
- Termination Resistance (m $\Omega$ ) = 15
- Insulation Resistance (M $\Omega$ ) = 5,000
- Dielectric Withstanding Voltage (V) = 600

**Termination Related Features:**

- Solder Tail Contact Plating = Tin-Lead

**Body Related Features:**

- [Number of Rows](#) = Single
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 [.100]

**Contact Related Features:**

- [PCB Orientation Feature](#) = No
- [Contact Mating Area Plating Material](#) = Gold (30)
- Contact Material = Brass
- Approved Standards = UL E28476, CSA LR7189

**Housing Related Features:**

- [Housing Color](#) = Black
- Housing Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Conditions for Usage:**

- [Terminate To](#) = Printed Circuit Board
- Temperature Rating = High
- Operating Temperature (°C) = -65 – +105

**Packaging Related Features:**

- Packaging Method = Tape & Reel

**Other:**

- Brand = AMP

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