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**Ribbon Cable Connector System (AMP-LATCH)**  
**↳ Pin and Pinless Headers (AMP-LATCH)**

**AMP 103308-8** Active

Not ELV or RoHS Compliant

**(Corporate P/N: 103308-8)**

Search for Compliant (RoHS/ELV)

Alternates

CAD Geometry | Search for Parts

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**Related Part Information**

General Information	eCommerce	Related Part Information
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**Photos & Line Drawings** - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)

**Searchable Features:**

<b>Brand:</b>	AMP
<b>RoHS/ELV Compliance:</b>	Not ELV/RoHS compliant
<b>Lead Free Solder Processes:</b>	Not suitable for lead free processing
<b>Connector Type:</b>	Pin Headers
<b>Number of Positions:</b>	40
<b>Centerline, Matrix (mm [in]):</b>	2.54 x 2.54 [.100 x .100]
<b>PCB Mount Angle:</b>	Vertical
<b>PCB Retention Feature:</b>	Without
<b>Mating Polarization Method:</b>	Center, Dual Polarizing Bar

**Other Properties:**

<b>Post Size (mm [in]):</b>	0.64 [.025]
<b>Contact Shape:</b>	Square
<b>Daisy Chain:</b>	With
<b>Profile:</b>	Low
<b>Shrouded:</b>	Yes
<b>Mating Polarization:</b>	Yes
<b>Housing Material:</b>	Thermoplastic
<b>Housing Flammability Rating:</b>	UL 94V-0
<b>Housing Color:</b>	Black
<b>Contact Material:</b>	Copper Alloy
<b>Contact Termination Area Plating:</b>	Tin-Lead
<b>Shrouded End Dimension (mm [in]):</b>	3.81 [0.150]

<b>Termination Post Length (mm [in]):</b>	3.05 [0.120]
<b>Mating Connector Lock:</b>	Without
<b>Housing Style:</b>	4-Sided
<b>Ejection Latches:</b>	Without
<b>Temperature Rating:</b>	Standard
<b>Contact Mating Area Plating:</b>	Gold (15)
<b>Operating Temperature (°C):</b>	-65 – +105
<b>Current Rating (Amps.):</b>	1
<b>Insulation Resistance (M•):</b>	5,000
<b>Dielectric Withstanding Voltage (V):</b>	750
<b>Approved Standards:</b>	UL E28476, CSA LR7189

**Solder Tail Plating:** Tin-Lead over Nickel

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