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Friday, 18 November, 2005

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

**AMP** 102153-1 [Active](#)

[Not ELV or RoHS Compliant](#)

**(Corporate P/N: 102153-1)**

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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><a href="#">RoHS/ELV Compliance:</a></b>	Not ELV/RoHS compliant
<b><a href="#">Lead Free Solder Processes:</a></b>	Wave solder capable to 240° C, Wave solder capable to 265°C
<b><a href="#">Connector Type:</a></b>	Universal Ejection Pin Headers
<b><a href="#">Number of Positions:</a></b>	10
<b><a href="#">Centerline, Matrix (mm [in]):</a></b>	2.54 x 2.54 [.100 x .100]
<b><a href="#">PCB Mount Angle:</a></b>	Vertical
<b><a href="#">PCB Retention Feature:</a></b>	Without

Other Properties:	
<b>Post Size (mm [in]):</b>	0.64 [.025]
<b>Contact Shape:</b>	Square
<b>Shrouded:</b>	Yes
<b>PCB Thickness (mm [in]):</b>	1.57 [0.062]
<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 Termination Area Plating:</b>	Tin-Lead

<b><u>Profile:</u></b>	Standard
<b><u>Mating Polarization Method:</u></b>	Center, Dual Polarizing Bar, Military
<b><u>Termination Post Length (mm [in]):</u></b>	2.79 [0.110]
<b><u>Mating Connector Lock:</u></b>	Without
<b><u>Housing Style:</u></b>	4-Sided
<b><u>Ejection Latches:</u></b>	Without
<b><u>Temperature Rating:</u></b>	Standard
<b><u>Contact Mating Area Plating:</u></b>	Gold (15)

**Comment:**

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

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