

CATALOG

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

AMP 102159-1 [Active](#)

[Not ELV or RoHS Compliant](#)

(Corporate P/N: 102159-1)

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Related Part Information

General Information	eCommerce	Related Part Information
<ul style="list-style-type: none"> ➤ General Info ➤ Sales Info ➤ Assembly Subcontractors 	<ul style="list-style-type: none"> ➤ Pricing & Availability 	<ul style="list-style-type: none"> ➤ Tooling

Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:

Brand:	AMP
RoHS/ELV Compliance:	Not ELV/RoHS compliant
Lead Free Solder Processes:	Wave solder capable to 240°C, Wave solder capable to 265°C
Connector Type:	Universal Ejection Pin Headers
Number of Positions:	10
Centerline, Matrix (mm [in]):	2.54 x 2.54 [.100 x .100]
PCB Mount Angle:	Right Angle
PCB Retention Feature:	Without
Profile:	Standard
Mating Polarization Method:	Center, Dual Polarizing Bar, Military

Other Properties:

Post Size (mm [in]):	0.64 [.025]
Contact Shape:	Square
Shrouded:	Yes
PCB Thickness (mm [in]):	1.57 [0.062]
Mating Polarization:	Yes
Housing Material:	Thermoplastic
Housing Flammability Rating:	UL 94V-0
Housing Color:	Black
Contact Termination Area Plating:	Tin-Lead

<u>Termination Post Length (mm [in]):</u>	2.79 [0.110]
<u>Mating Connector Lock:</u>	Without
<u>Housing Style:</u>	4-Sided
<u>Ejection Latches:</u>	Without
<u>Temperature Rating:</u>	Standard
<u>Contact Mating Area Plating:</u>	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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