



Spring Loaded Connectors

EDAC



Spring Loaded Magnetic Pogo Connectors

EDAC's magnetic spring loaded pogo pin connectors are a reliable, precision made interconnect solution. EDAC spring loaded magnetic pogo connectors have a long life span of up to 30,000 mating cycles making them the ideal choice for the fast-moving world of consumer electronics. The plugs and the sockets of the spring loaded magnetic connector mates with a magnetic force to maintain a connection, while increasing the reliability and providing polarization. Assembled in high-temperature thermoplastic, each piece is precision machined to ensure a high quality, low resistance connector.

Features

- Spring loaded magnetic pogo pin contacts maintain connection in environments with vibration to provide stable current flow
- Precision machined to ensure a high quality, low resistance, compliant connector giving it the edge over other technologies
- The magnetic force replaces the need for mating hardware allowing the connector to quickly blind-mate, and self-align
- High-quality “tear away” design allows un-mating that helps prevent damage caused by unintended disconnections
- More convenient than standard spring loaded connectors



Spring Loaded Magnetic Pogo Connectors

Series	No. of Contacts	Current Rating	Plating Options	Contact Terminations	Orientation	Mounting Options
Male						
685	2 - 31	0.5 - 5 amps	5 μ ", 10 μ " Gold	4	Vertical or Right Angle	5
Female						
686	2 - 31	0.5 - 5 amps	Flash - 15 μ " Gold	4	Vertical or Right Angle	6
Kit						
689*	1	2 amps	Gold Flash	1	Vertical	1

*The 689 series is a mating connector kit that contains one male and one female spring-loaded magnetic pogo connector.

"Tear away" design ensures user safety and prevents damage caused by unintended disconnection

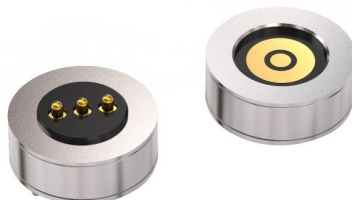
Convenient for consumer electronics and in test environments where a large number of mating cycles are required



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For More Information

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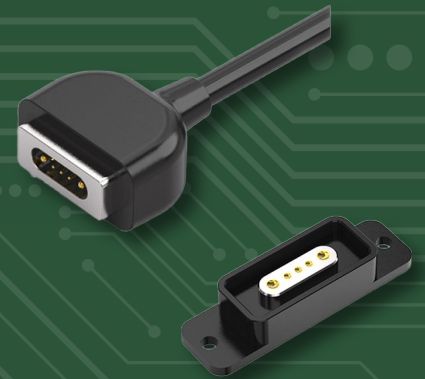


Spring Loaded Magnetic Pogo Cable Assemblies

EDAC's spring loaded magnetic cable connectors are reliable and can extend over 1000mm in length to engage in various of applications over a distance. EDAC connectors have a long life span of up to 30,000 mating cycles making them the ideal choice for the fast moving world of consumer electronics. The plugs and the sockets of the spring loaded magnetic cable connector pairs rely on a magnetic force to make and maintain a connection, whilst increasing the reliability and providing polarization. Assembled in high-temperature thermoplastic, each piece is precision machined to ensure a high quality, low resistance connector.

Features

- Spring loaded pogo pin magnetic cable contacts maintain connection in environments with vibration to provide stable current flow
- Precision machined to ensure a high quality, low resistance, compliant connector giving it the edge over other technologies
- The magnetic force replaces the need for mating hardware allowing the connector to quickly blind-mate, and self-align
- High-quality "tear away" design allows un-mating that helps prevent damage caused by unintended disconnections
- More convenient than standard spring loaded connectors

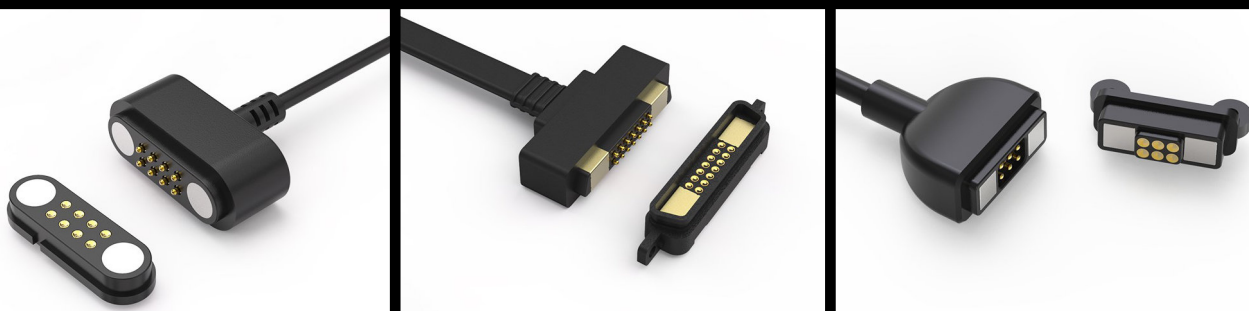


Spring Loaded Magnetic Pogo Cable Assemblies

Series	No. of Contacts	Current Rating	Plating Options	Orientation	Cable Length
Male					
687	2 - 14	1 - 5 amps	5 μ ", 10 μ " Gold	Vertical, Right Angle (In-line or Perpendicular)	50mm - 1500mm (1.9" - 59")
Female					
688	4	2 amps	5 μ " Gold	N/A	600mm (23.6")

High Temperature thermoplastic gives it the edge over other technologies

Convenient for consumer electronics and in test environments where a large number of mating cycles are required



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Established in 1966, EDAC soon became a world leader in providing connectors for card edge and rack and panel applications. Since then, we have expanded our product offering to include one of the widest ranges of interconnect solutions in the world. Products include D-Sub, RJ45, USB, HDMI, inline plug and socket, headers, spring loaded pogo pin, and waterproof connectors. Cable assemblies and custom solutions are also available. Our innovation guides us into new customer opportunities as we challenge the status quo. This belief resonates throughout the organization and results in exceptional quality service globally.



Connect with Us . . . Experience Makes the Difference