



Spring Loaded Connectors

EDAC

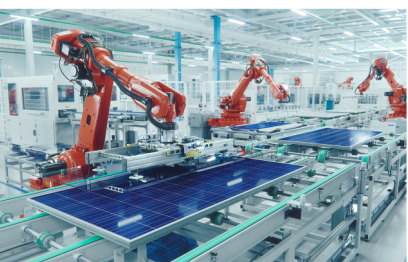


Spring Loaded Magnetic Pogo Connectors

EDAC's magnetic spring loaded pogo pin connectors are a reliable, precision made interconnect solution. Each connector has a long life span of up to 10,000 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 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	Tail Length Options
Male						
MPM	2 - 9	3A	5 μ ", 20 μ " Gold	P.C Tail	Vertical	1
Female						
MPF	2 - 9	3A	5 μ " Gold	P.C Tail	Vertical	2

"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 pogo pin connector cable assemblies are reliable and can extend over 1000mm in length to engage in various applications over a distance. Each connector has a long life span of up to 10,000 mating cycles making them the ideal choice for the fast moving world of consumer electronics. Spring loaded male magnetic cable assemblies rely on a magnetic force to make and 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 cable assembly

Features

- Spring loaded pogo pin magnetic cable assembly contacts maintain connection in environments with vibration to provide stable current flow
- Precision machined to ensure a high quality, low resistance, RoHS 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 helps prevent damage caused by unintended disconnections
- More convenient than standard spring loaded cable assemblies



Spring Loaded Magnetic Pogo Cable Assemblies

Series	No. of Contacts	Current Rating	Plating Options	Orientation	Cable Length	Cable End
MCM	2 - 6	1.5A	5 μ " Gold	Vertical or Right-Angle	500mm - 2000mm (19.69" - 78.74")	USB A 2.0, Bare Cable

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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For More Information

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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.



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