

ADAM TECH



SPRING LOADED POGO PINS, CONNECTORS,
AND MAGNETIC CABLE ASSEMBLIES



Adam Tech Pogo Pins and Connectors (spring loaded terminals) consist of a pin, barrel, and steel spring with or without an insulator carrier. They are used in many industries across a wide range of applications to make a secure, high reliability connection. This series is highly customizable to meet specific stroke lengths, heights, and electrical capabilities. High-temp plastics are used for our insulators and unlimited molding designs allow for many different shapes and styles to be created for specific applications.

Available in single and dual row, high and low profile, and a wide range of termination types such as Through Hole, SMT, Threaded, and Solder Cup.

APPLICATIONS:

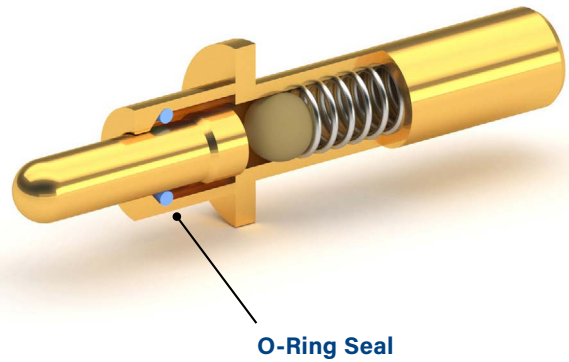
- Medical Equipment
- Mobile Communication Devices (cell phones, antennas)
- Digital Cameras
- POS Terminals
- Barcode Scanners
- Touch screen Applications
- Automotive
- (GPS Charging,
- GPS Docking, Cradles)
- Wearable devices

FEATURES AND BENEFITS:

- High Reliability, corrects connection between uneven surfaces and satisfies high vibration connection requirements
- Endurance up to 1,000,000 cycles and still electrically silent.
- Maximum Stability: Tested to a minimum of 50G shock and 10G vibration with no spikes.
- Precision machined gold plated components with low resistance.
- Increased durability for heavy duty applications
- Highly Customizable: Size, stroke, shape, pin count, etc.
- Low Cost and Easily Integrated

Waterproof Discrete Spring Loaded Pins

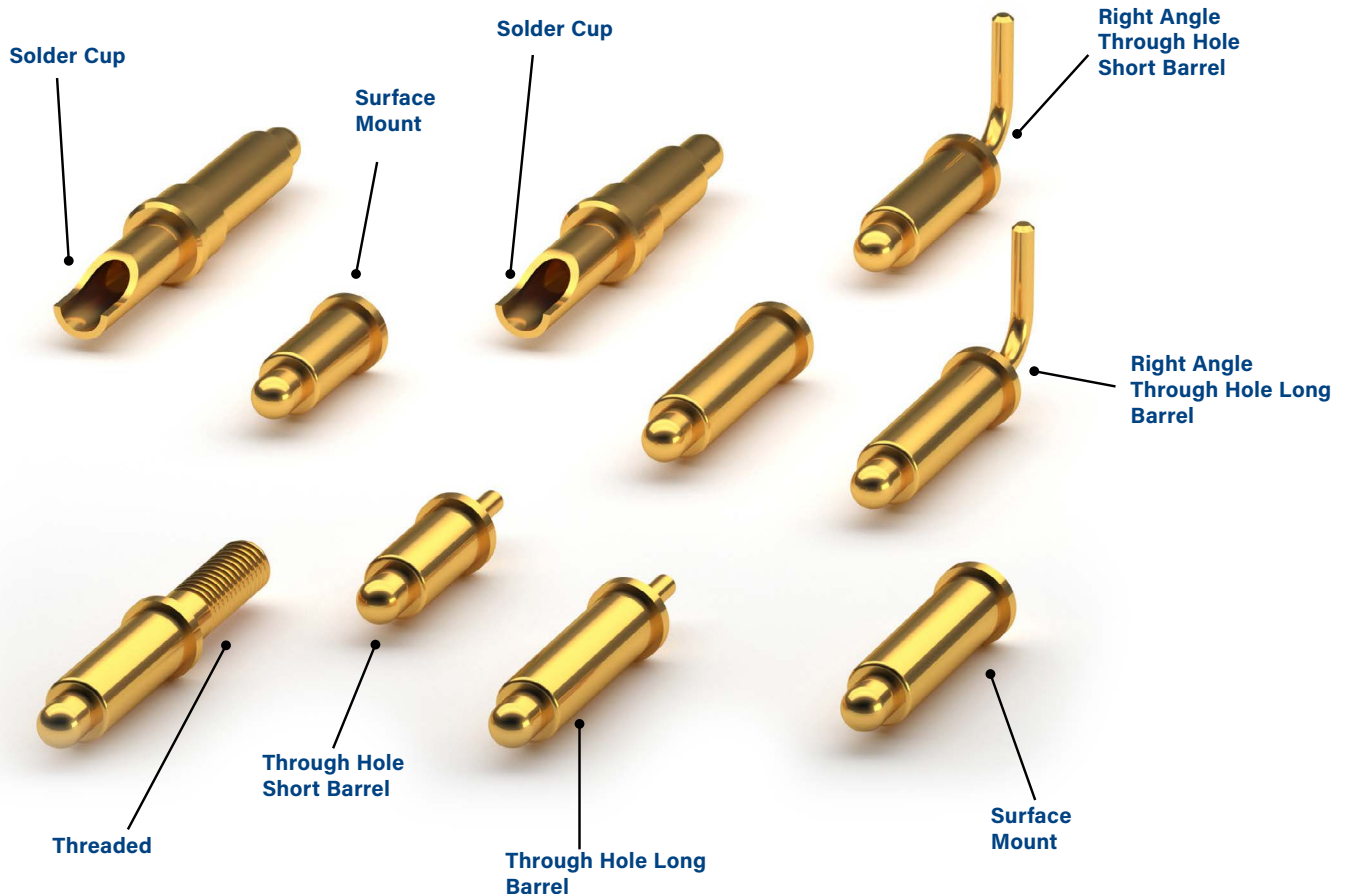
Adam Tech Newly Released "Waterproof" Discrete Pogo Pins are manufactured with the same precision as our standard discrete pogo pins with an added rubber seal. These pins are IP rated for repelling water and suitable for outdoor applications subject to a wet environment.



PART NUMBER	TERMINATION TYPE	PRODUCT DATA
PH-MVP-26515-10-10-WP	Through Hole	View

Discrete Spring Loaded Pins

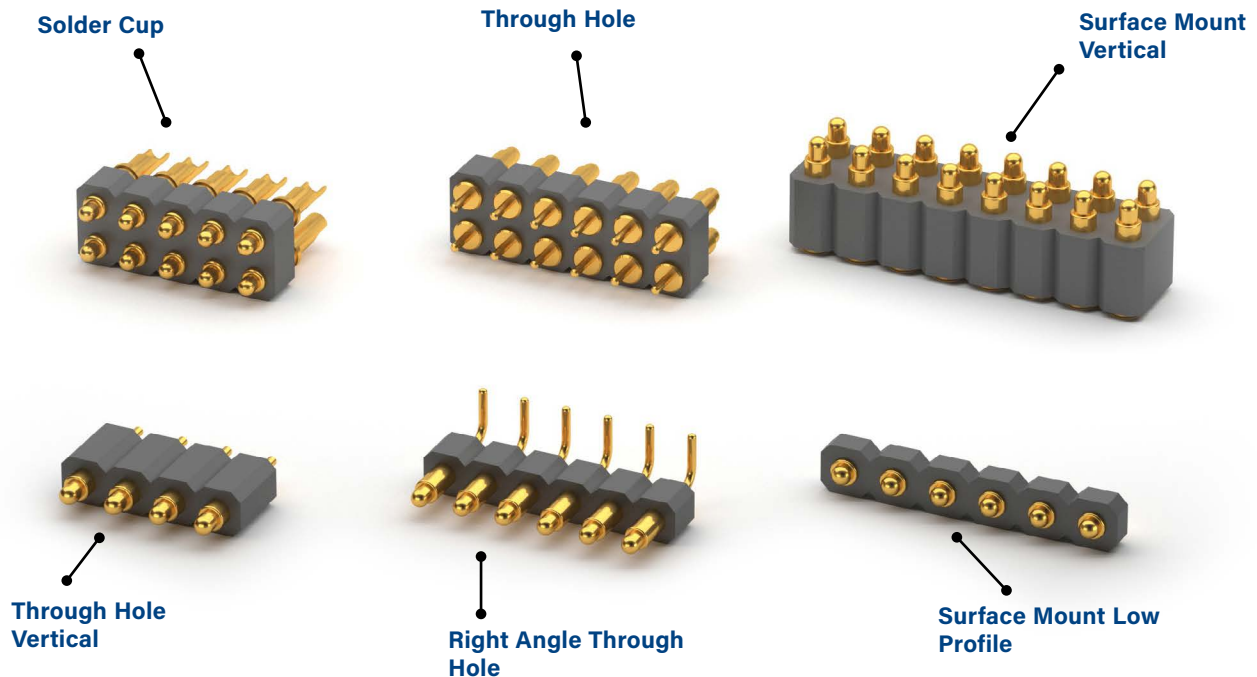
Adam Tech Discrete Spring Loaded pins are manufactured with precision from the highest quality brass barrels and plungers, support by industry leading spring steel to support long life cycles and high reliability. Our pins come in a wide range of heights, stroke length, mounting orientations, and electrical capabilities.



PART NUMBER	GENDER	MOUNTING ORIENTATION	TERMINATION TYPE	OPTIONS	PRODUCT DATA
PH-MH5P-XXXX	Male	Right Angle	Through Hole	High Current (5 Amps)	View
PH-MHP-XXXX	Male	Right Angle	Through Hole		View
PH-MV5F-XXXX	Male	Vertical	Surface Mount	High Current (5 Amps)	View
PH-MV5P-XXXX	Male	Vertical	Through Hole	High Current (5 Amps)	View
PH-MV5S-XXXX	Male	Vertical	Solder Cup	High Current (5 Amps)	View
PH-MVF-XXXX	Male	Vertical	Surface Mount		View
PH-MVP-XXXX	Male	Vertical	Through Hole		View
PH-MVS-XXXX	Male	Vertical	Solder Cup		View
PH-MVT-XXXX	Male	Vertical	Threaded		View

Spring Loaded

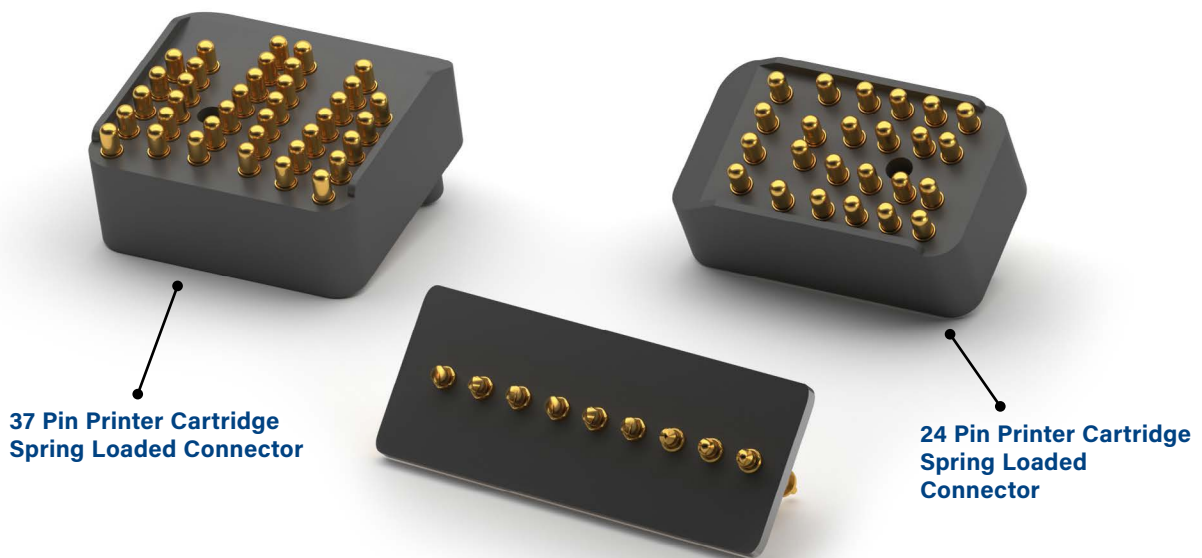
Adam Tech Spring Loaded Connectors consist of a pin, barrel, and steel spring with or without an insulator carrier. They are used in many industries across a wide range of applications to make a secure, high reliability connection. This series is highly customizable to meet specific stroke lengths, heights, and electrical capabilities. High-temp plastics are used for our insulators and unlimited molding designs allow for many different shapes and styles to be created for specific applications.



PART NUMBER	ROWS	MOUNTING ORIENTATION	TERMINATION TYPE	PRODUCT DATA
PH1-3B-XX-MVF-XXXX	Single Row	Vertical	Surface Mount	View
PH1-3B-XX-MVP-XXXX	Single Row	Vertical	Through Hole	View
PH1-3B-XX-MVS-XXXX	Single Row	Vertical	Solder Cup	View
PH2-3B-XX-MVF-XXXX	Dual Row	Vertical	Surface Mount	View
PH2-3B-XX-MVF-XXXX-C1	Dual Row	Vertical	Surface Mount	View
PH2-3B-XX-MVP-XXXX	Dual Row	Vertical	Through Hole	View
PH2-3B-XX-MVS-XXXX	Dual Row	Vertical	Solder Cup	View
PH2-3B-XX-MVS-XXXX-C1	Dual Row	Vertical	Solder Cup	View

Special Spring Loaded

Adam Tech offers full design customization capabilities for our spring loaded connectors. Below you can find a range of customized spring loaded connectors we've tailored for very specific applications. These are available for purchase. Customers can also request different shapes, sizes, and other features to fit into any application requirement necessary. Fast turn design and full 2D/3D models are available during the design phase. From concept to production, designing a custom spring loaded connector with Adam Tech is a seamless process aimed at total customer satisfaction.



PART NUMBER	PRODUCT TYPE	PIN COUNT	HIGH SPEED DATA RATE	PRODUCT DATA
ADT-AN7975-C1	Printer Cartridge Connectors	24 Pins		View
ADT-AN7975-C2	Printer Cartridge Connectors	37 Pins		View
HDR-F-18-S-01-5	High Speed Data Rate Spring Loaded Set		High Speed Data Rate	View
HDR-M-18-S-01-5	High Speed Data Rate Spring Loaded Set		High Speed Data Rate	View

Mating Pad Connectors

Adam Tech Mating Pad Connectors are the ideal mating solution for our line of spring loaded connectors. These dip-loaded parts have a .100" [2.54mm] pitch, vertical mounting orientation, and through hole termination. They are offered in either a single row or dual row configuration. Positions range from 1-40, offering mating capabilities to a wide range of pogo pin products.



Single & Dual Row Female Mating Pads

PART NUMBER	ROWS	CENTERLINE	POSITIONS	GENDER	MOUNTING ORIENTATION	TERMINATION TYPE	PRODUCT DATA
PHI-3F-XX-FVP-24415-C1	Single Row	.100" [2.54mm]	01-40	Female	Vertical	Through Hole	View
PH2-3F-XX-FVP-24415-C1	Dual Row	.100" [2.54mm]	01-40	Female	Vertical	Through Hole	View



Magnetic Cable Assemblies And Connectors

Magnetic assemblies are a popular and quickly growing cable assembly choice. Adam Tech has incorporated 30 years of connector knowledge and experience to develop a line of custom magnetic assembly solutions. These cable assemblies offer several key features and benefits in the market:

- Blind mate and easy connection
- Waterproof capabilities
- User friendliness
- Easily detachable for real world applications (fitness, medical, outdoor, etc)

PART NUMBER	TYPE	PIN COUNT	SHAPE	PRODUCT DATA
CA-RA2-PHR-15103-M	Cable Assembly	1	Circular	View
CA-RA2-PHR-32572-M	Cable Assembly	1	Circular	View
CA-RA2-PHR-34113-M-WT	Cable Assembly	1	Circular	View
CA-RA4-PHI-181279-M	Cable Assembly	4	Rectangular	View
CA-RA4-PHI-1888-M	Cable Assembly	4	Rectangular	View
CA-RA5-PHI-25736-M	Cable Assembly	5	Rectangular	View
CA-ST2-PHI-25410-M	Cable Assembly	2	Square	View
CA-ST2-PHI-558-M	Cable Assembly	2	Rounded Rectangular	View
CA-ST2-PHR-198-M	Cable Assembly	1	Circular	View
CA-ST2-PHR-202-M	Cable Assembly	1	Circular	View
CA-ST5-PHI-18S-M	Cable Assembly	5	Rectangular	View
CA-ST6-PH2-25410S-M	Cable Assembly	6	Square	View
CA-USBAM-PH-3E02-MVCC	Cable Assembly	2	Rectangular	View
CA-USBAM-PH-3E03-MVCC	Cable Assembly	3	Rectangular	View
CA-USBAM-PH-3E04-MVCC	Cable Assembly	4	Rectangular	View
CA-USBAM-PH-3E05-MVCC	Cable Assembly	5	Rectangular	View
PH-MV15F-9012	Connector	1	Circular	View
PHI-3L-02-FVMP-4560	Connector	2	Rectangular	View
PHI-3L-03-FVMP-4560	Connector	3	Rectangular	View
PHI-3L-04-FVMP-4560	Connector	4	Rectangular	View
PHI-3L-05-FVMP-4560	Connector	5	Rectangular	View
PHI-C18395-05-FVP-585	Connector	5	Rectangular	View
PHI-C184-05-FVP-59	Connector	5	Rectangular	View
PHI-C1849-04-MVP-5S4S	Connector	4	Rounded Rectangular	View
PHI-C1853-04-MVP-7365	Connector	4	Rounded Rectangular	View
PHI-C1855-05-FHP-728	Connector	5	Rectangular	View
PHI-C1857-04-FHP-5	Connector	4	Rounded Rectangular	View
PHI-C18696-05-MVP-865975	Connector	5	Rectangular	View
PHI-C2118S-07-FVF-153	Connector	7	Rectangular	View
PHI-C2135-07-MVP-4351	Connector	7	Rectangular	View
PHI-C2446-08-MHP-826996	Connector	8	Rectangular	View
PHI-C24595-08-FHP-709	Connector	8	Rectangular	View
PHI-C2520-02-MVF-4565	Connector	2	Rectangular	View
PHI-C2524-05-MVF-2533	Connector	5	Rectangular	View
PHI-C2535-05-FHP-52	Connector	5	Rectangular	View
PHI-C25355-04-MVP-2635	Connector	4	Rectangular	View
PHI-C25381-05-MVP-464575	Connector	5	Rectangular	View

PART NUMBER	TYPE	PIN COUNT	SHAPE	PRODUCT DATA
PH1-C315-03-MVF-3550	Connector	3	Rectangular	View
PH1-C365-04-FVRP-605685	Connector	4	Rounded Rectangular	View
PH1-C449-06-MHP-965A85	Connector	6	Rectangular	View
PH1-C463-06-FHP-71	Connector	6	Rectangular	View
PH2-C18575-14-MHP-A55935	Connector	14	Trapezoid	View
PH2-C18765-14-FHP-8	Connector	14	Trapezoid	View
PH2-C2528-08-MVP-40735	Connector	8	Rectangular	View
PH2-C25410-06-FVP	Connector	6	Square	View
PH2-C266-12-MVP-66	Connector	12	Rectangular	View
PH2-C272-12-FVP-76	Connector	12	Rectangular	View
PH2-C665-06-FVP-65S	Connector	6	Rectangular	View
PH2-C665-06-MVP-7792	Connector	6	Rectangular	View
PHR-C4777-02-FVP-800	Connector	2	Circular	View
PHR-C4777-02A-FVP-800	Connector	2	Circular	View

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