

FEATURES & BENEFITS / APPLICATIONS

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.

Features and Benefits:

- High Reliability, corrects connection between uneven surfaces and satisfies high vibration connection requirements
- Increased durability for heavy duty applications
- Highly Customizable- Size, stroke, shape, pin count, etc.
- Low Cost and Easily Integrated

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



info@adam-tech.com  
www.adam-tech.com

DISCRETE POGO PINS

PH	MHP	1113
SERIES INDICATOR PH = Discrete Pogo Pin	GENDER, MOUNTING ORIENTATION & TYPE  1st Character for Gender M = Male F = Female  2nd Character for Mounting Orientation V = Straight Mount H = Right Angle Mount  3rd Character for Type F = SMT P = DIP D = Double Head S = Solder Cup T = Thread 5F = 5 Amp, SMT 5P = 5 Amp, DIP 5S = 5 AMP, Solder Cup AF = 10 Amp, SMT AP = 10 Amp, DIP AS = 10 Amp, Solder Cup	HEIGHT  First Two Characters for Barrel Height 11 = 1.10mm 13 = 1.30mm 15 = 1.50mm 17 = 1.70mm 20 = 2.00mm 23 = 2.30mm 26 = 2.60mm 30 = 3.00mm 33 = 3.30mm 36 = 3.60mm 43= 4.30mm 50 = 5.00mm 53 = 5.30mm 55 = 5.50mm 73 = 7.30mm A3 = 10.30mm C3 = 12.30mm  Last Two Characters for Initial Height 13 = 1.30mm 15 = 1.50mm 17 = 1.70mm 19 = 1.90mm 21 = 2.10mm 23 = 2.30mm 25 = 2.50mm 27 = 2.70mm 29 = 2.90mm 31 = 3.10mm 33 = 3.30mm 35 = 3.50mm 37 = 3.70mm 40 = 4.00mm 42 = 4.20mm 44 = 4.40mm 45 = 4.5mm  50 = 5.0mm 60 = 6.0mm 64 = 6.4mm 65 = 6.5mm 70 = 7.0mm 75 = 7.5mm 80 = 8.0mm 90 = 9.0mm A0 = 10.0mm B0 = 11.0mm B5 = 11.5mm C0 = 12.0mm C5 = 12.5mm D0 = 13.0mm D5 = 13.5mm E0 = 14.0mm E5 = 145mm F0 = 15.0mm



Vertical Male Solder Cup



Vertical Male Threaded



Right Angle Male Through Hole



Vertical Male Through Hole



Vertical Male Surface Mount



High Current Male Surface Mount

STANDARD POGO PIN CONNECTORS

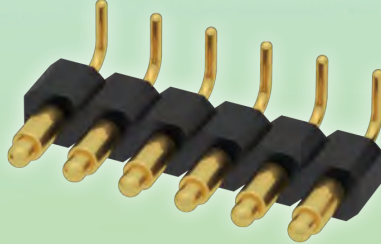
PH	3A	40	+ Specific Pogo Pin Configuration Number
SERIES INDICATOR PH1 = Pogo Pin Connector Single Row PH2 = Pogo Pin Connector Double Row	PITCH & INSULATION HEIGHT  1st Character for Pitch 3 = 2.54mm  2nd Character for Insulation Height A = 1.27mm B = 2.50mm C = 3.80mm D = 4.00mm	POSITIONS 01 THRU 40	



Dual Row Male, Vertical Solder Cup



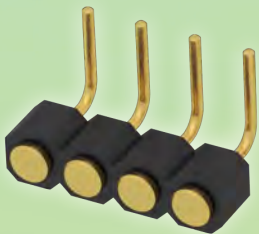
Dual Row Male, Vertical Surface Mount Low Profile



Single Row Male, Right Angle Through Hole



Dual Row Female, Vertical Surface Mount



Dual Row Female, Right Angle Through Hole



Dual Row Male, Vertical Surface Mount



Single Row Male, Vertical Through hole



Single Row Male, Vertical Surface Mount Low Profile



## CUSTOM MAGNETIC POGO PIN ASSEMBLIES

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)



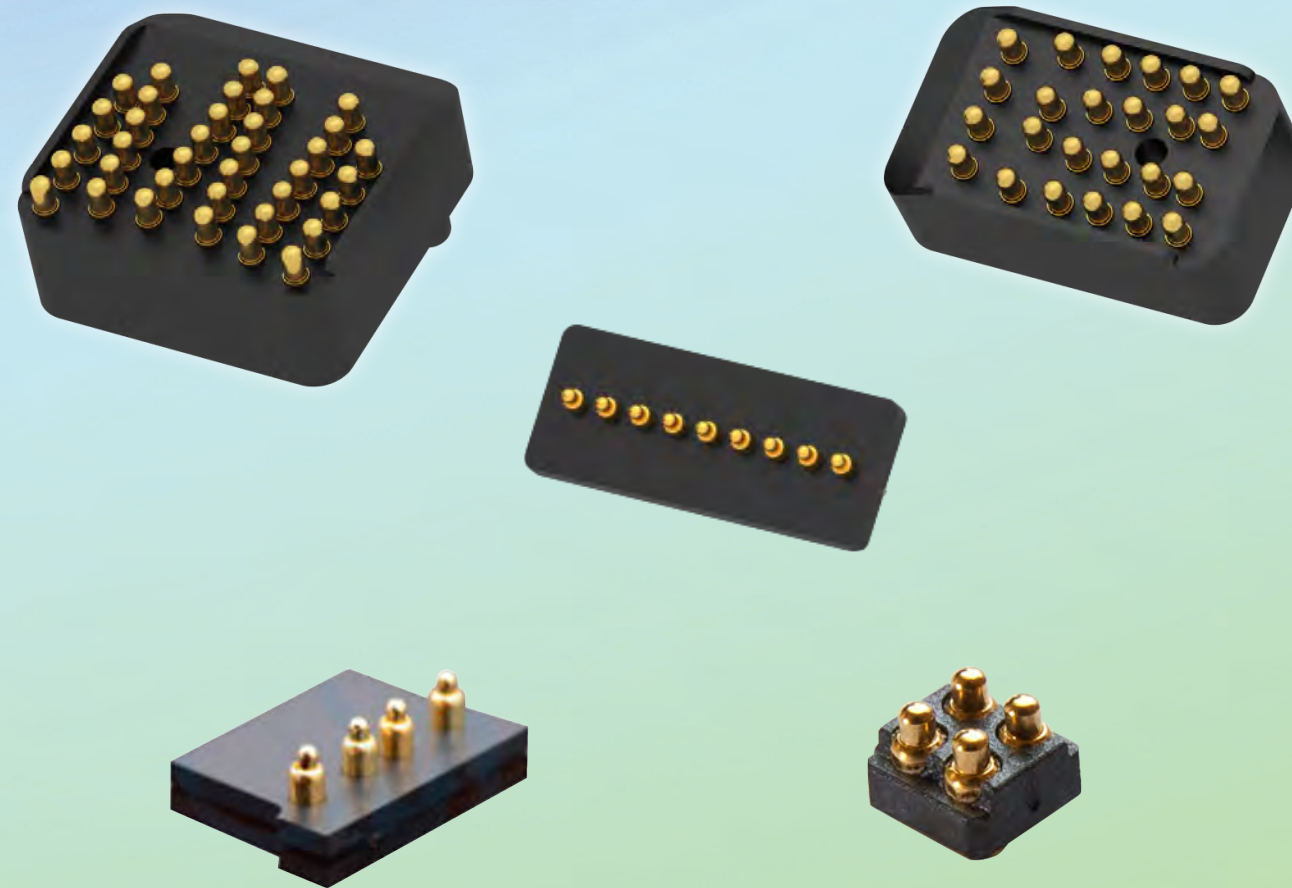
## CUSTOM POGO PIN CONNECTORS

Adam Tech offers full design customization capabilities for our pogo pin connectors.

Customers can 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 pogo pin connector with Adam Tech is a seamless process aimed at total customer satisfaction.



**Adam Tech • USA**  
909 Rahway Ave  
Union, NJ 07083  
Tel: 908.687.5000  
Fax: 908.687.5710  
Email: [info@adam-tech.com](mailto:info@adam-tech.com)  
[www.adam-tech.com](http://www.adam-tech.com)

**Adam Tech • TAIWAN**  
5F-17, No.14, Lane 609,  
Sec. 5, Chongsin Rd.  
New Taipei City, Taiwan (R.O.C.)  
Tel: 886-2 2999 8028  
Fax: 886-2 2999 8062  
Email: [sales@adam-tech.com](mailto:sales@adam-tech.com)  
[www.adam-tech.com.tw](http://www.adam-tech.com.tw)

**Adam Tech • CHINA**  
Fulai Road, Liuwa Lane  
Liaobu, Dongguan City,  
Guangdong Province, China  
Tel: 886-2 2999 8028  
Fax: 886-2 2999 8062  
Email: [factory@adam-tech.com](mailto:factory@adam-tech.com)  
[www.adam-tech.com.cn](http://www.adam-tech.com.cn)

