

ADAM TECH INTERCONNECTS

SPRING LOADED

Connectors

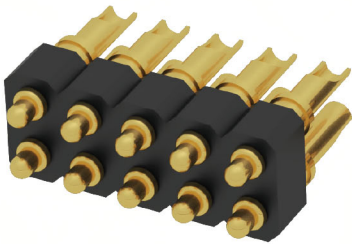
Pins

Magnetic Cable Assemblies



SPRING LOADED CONNECTORS

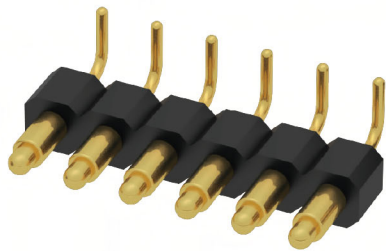
PH1	3A	40	+ Gender, Mounting Orientation & Type and Height according to Discrete Pogo Pins Part Number Construction Guide on Opposite Page
SERIES INDICATOR PH1 = Pogo Pin Connector Single Row PH2 = Pogo Pin Connector Double Row Row	PITCH & INSULAOR HEIGHT 1st Character for Pitch 3 = 2.54mm 2nd Character for Insulator Height A = 1.27mm B = 2.50mm C = 3.80mm D = 4.00mm	POSITIONS 01 THRU 40	



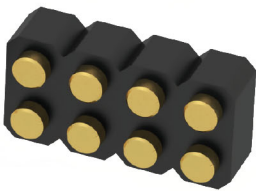
Dual Row Male,
Vertical Solder Cup



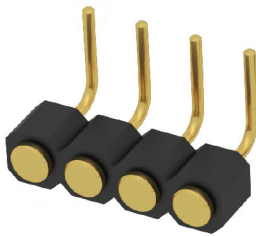
Dual Row Male,
Vertical Surface Mount Low Profile



Single Row Male,
Right Angle Through Hole



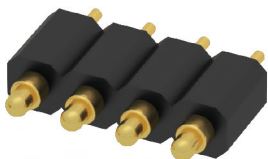
Dual Row Female,
Vertical Surface Mount



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

DISCRETE SPRING LOADED 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 <table><tr><th>First Two Characters for Barrel Height</th><th>Last Two Characters for Initial Height</th><th></th></tr><tr><td>11 = 1.10mm</td><td>13 = 1.30mm</td><td>50 = 5.0mm</td></tr><tr><td>13 = 1.30mm</td><td>15 = 1.50mm</td><td>60 = 6.0mm</td></tr><tr><td>15 = 1.50mm</td><td>17 = 1.70mm</td><td>64 = 6.4mm</td></tr><tr><td>17 = 1.70mm</td><td>19 = 1.90mm</td><td>65 = 6.5mm</td></tr><tr><td>20 = 2.00mm</td><td>21 = 2.10mm</td><td>70 = 7.0mm</td></tr><tr><td>23 = 2.30mm</td><td>23 = 2.30mm</td><td>75 = 7.5mm</td></tr><tr><td>26 = 2.60mm</td><td>25 = 2.50mm</td><td>80 = 8.0mm</td></tr><tr><td>30 = 3.00mm</td><td>27 = 2.70mm</td><td>90 = 9.0mm</td></tr><tr><td>33 = 3.30mm</td><td>29 = 2.90mm</td><td>A0 = 10.0mm</td></tr><tr><td>36 = 3.60mm</td><td>31 = 3.10mm</td><td>B0 = 11.0mm</td></tr><tr><td>43 = 4.30mm</td><td>33 = 3.30mm</td><td>B5 = 11.5mm</td></tr><tr><td>50 = 5.00mm</td><td>35 = 3.50mm</td><td>C0 = 12.0mm</td></tr><tr><td>53 = 5.30mm</td><td>37 = 3.70mm</td><td>C5 = 12.5mm</td></tr><tr><td>55 = 5.50mm</td><td>40 = 4.00mm</td><td>D0 = 13.0mm</td></tr><tr><td>73 = 7.30mm</td><td>42 = 4.20mm</td><td>D5 = 13.5mm</td></tr><tr><td>A3 = 10.30mm</td><td>44 = 4.40mm</td><td>E0 = 14.0mm</td></tr><tr><td>C3 = 12.30mm</td><td>45 = 4.5mm</td><td>E5 = 14.5mm</td></tr><tr><td></td><td></td><td>F0 = 15.0mm</td></tr></table>	First Two Characters for Barrel Height	Last Two Characters for Initial Height		11 = 1.10mm	13 = 1.30mm	50 = 5.0mm	13 = 1.30mm	15 = 1.50mm	60 = 6.0mm	15 = 1.50mm	17 = 1.70mm	64 = 6.4mm	17 = 1.70mm	19 = 1.90mm	65 = 6.5mm	20 = 2.00mm	21 = 2.10mm	70 = 7.0mm	23 = 2.30mm	23 = 2.30mm	75 = 7.5mm	26 = 2.60mm	25 = 2.50mm	80 = 8.0mm	30 = 3.00mm	27 = 2.70mm	90 = 9.0mm	33 = 3.30mm	29 = 2.90mm	A0 = 10.0mm	36 = 3.60mm	31 = 3.10mm	B0 = 11.0mm	43 = 4.30mm	33 = 3.30mm	B5 = 11.5mm	50 = 5.00mm	35 = 3.50mm	C0 = 12.0mm	53 = 5.30mm	37 = 3.70mm	C5 = 12.5mm	55 = 5.50mm	40 = 4.00mm	D0 = 13.0mm	73 = 7.30mm	42 = 4.20mm	D5 = 13.5mm	A3 = 10.30mm	44 = 4.40mm	E0 = 14.0mm	C3 = 12.30mm	45 = 4.5mm	E5 = 14.5mm			F0 = 15.0mm
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Vertical Male Solder Cup



Vertical Male Threaded



Right Angle Male Through Hole



Vertical Male Through Hole



Vertical Male Surface Mount



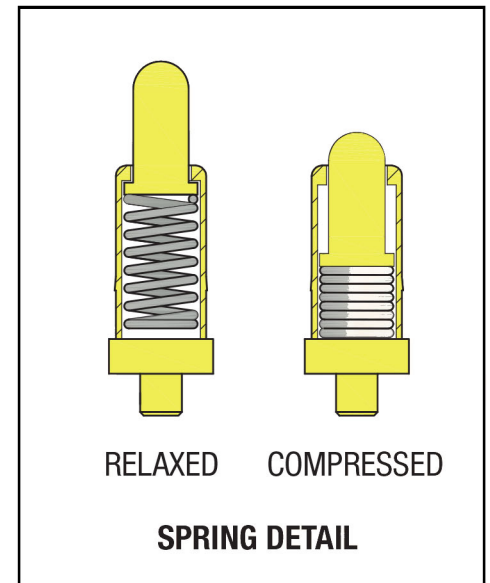
High Current Male Surface Mount

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
- 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



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



MAGNETIC CABLE AND CONNECTOR SETS

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 SPRING LOADED 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.



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