

# ULTRA MINI POGO PINS - INTERCONNECTS

## ULTRA MINI POGO PINS



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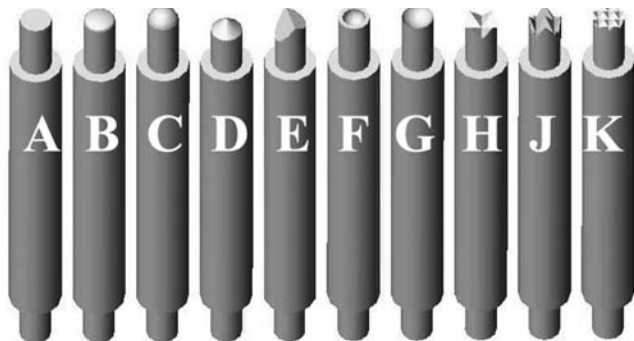
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Pin Grid Pitch	0.5mm	0.8mm	1.00mm	1.27mm	2.54mm
		or 0.75mm			
<b>Typical Mechanical Specifications</b>					
Full Travel (mm) (Spring stroke)	0.5	0.8	1	1	2
Min. pre-loaded spring force (N) 20%	0.03	0.05	0.06	0.08	0.1
Min. spring force on travel (N) 20%	0.3	0.5	0.6	0.8	1
Min. Life (cycles)	1KK	1KK	1KK	1KK	1KK
<b>Typical Electrical Specifications</b>					
Max. Continuity resistance (mOhm)	100	50	50	50	50
Max. pin-pin Capacitance (pF)	0.5	0.3	0.2	0.2	0.2
Max. top-bottom Reactance (nH)	1	0.5	0.6	0.7	0.8
<b>Typical Material Specifications</b>					
Plunger	Brass / Ni(2-4um) / Au(0.7-0.9um) Plate				
Shell	Brass / Ni(2-4um) / Au(0.7-0.9um) Plate				
Spring	SUS / Cu / Au Plate				

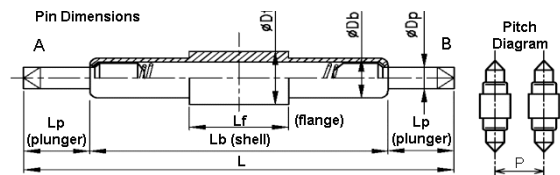
Lead Pitch Range	Plunger A	Plunger B	Length (mm)	ET Part #	Drawing #
0.50mm-1.27mm	E	H	2.00	POGO-PIN-2.00-1	SKT1762
0.50mm-1.27mm	E	H	2.55	POGO-PIN-2.55-1	SKT1769
0.50mm-1.27mm	E	H	3.20	POGO-PIN-3.20-1	SKT1766
0.80mm-1.27mm	E	H	3.30	POGO-PIN-3.30-1	SKT1766
0.65mm-1.27mm	E	H	5.70	POGO-PIN-5.70-1	SKT1768
0.80mm-1.27mm	E	H	3.00	POGO-PIN-3.00-1	SKT1770
1.00mm-1.27mm	H	H	5.80	POGO-PIN-5.80-1	SKT1767
1.00mm-1.27mm	H	H	4.30	POGO-PIN-4.30-1	SKT1771
2.54mm	B	J	12.80	POGO-PIN-12.8-1	SKT1619
0.80mm-1.27mm	E	H	5.58	POGO-PIN-5.58-1	SKT1476
0.50mm-1.27mm	E	H	5.67	POGO-PIN-5.67-1	SKT1477
1.27mm	H	H	5.95	POGO-PIN-5.95-1	SKT1785

### PLUNGER STYLES

PLUNGER SIDE A



PLUNGER SIDE B



Try our **Magnetic Pickup Tool**...to assist you in working with pogo pins. This tool telescopes, has a magnetic tip capable of picking up 1.5 pounds. The perfect tool for your lab.

**Web Link: [www.1800adapter.com/051](http://www.1800adapter.com/051)**

Try our **Magnifyer Tools**...to assist you in working with pogo pins or attaching a probe to a signal. Our magnifying visor will keep both hands free while our 2" magnifier provides 5X magnification.

**Web Link: [www.1800adapter.com/054](http://www.1800adapter.com/054)**

Custom pogo pins are available with a delivery of two weeks and no NRE. Contact us via our Web site for a quotation or call us today. [www.emulation.com/technical](http://www.emulation.com/technical)

For a complete list of pogo pins, specifications, pricing and delivery information, please see:  
**Web Link: [www.1800adapter.com/017](http://www.1800adapter.com/017)**