

Single Ended Pogo Interface Block

Interconnect Product

PRODUCT DESCRIPTION



Single ended pogo block offers lower compression force interconnect solution for high frequency signal interconnection for Automated Test Equipment and telecom equipment that require signal transfer exceed of 3.5Gbps signal at very high density.

- Patent pending probe design for highest RF performance
- Flexible customized design
- Combined with high quality TempFlex cable

SPECIFICATIONS

Single Ended High Performance Pogo Interface		
Parameters	Units	
Physical properties		
Deflection amount	Inch (mm)	0.090 to 0.110 (1.78 to 2.54)
Compression force	Ounces (gram)	1.6 (45)
Mechanical life	Cycle	50,000 @ 100% Deflection
Electrical properties		
Carry current	Amp	1
Resistance	mΩ	<20
Return loss	dB	>25 @ 3GHz
	dB	>18 @ 10GHz
Cable specification (047-2801)		
Signal conductor	Inch (mm)	0.0126 (0.32)
Signal material		Silver Plated Copper
Monofilament		PFA, Blue
Impedance	Ω	50 ± 1
Inductance	uH/ft (uH/m)	0.058 (0.19)
Cut off frequency	GHz	144
Velocity of propagation	%	88
Environmental rating		
Operating temperature	°C	-20 to +85

All measurement data taken with 1' long cable with 047-2801 for reference purpose only