

IP541

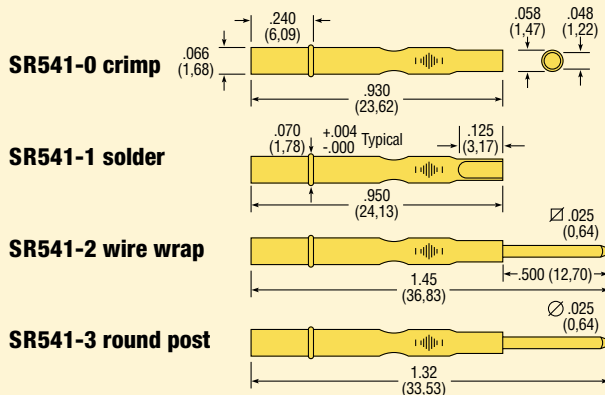
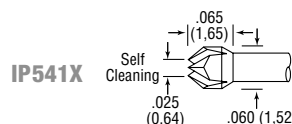
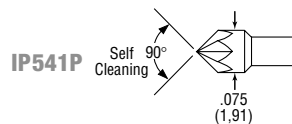
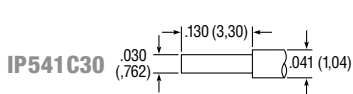
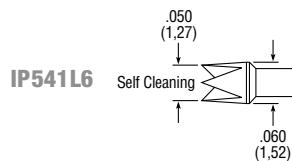
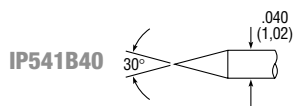
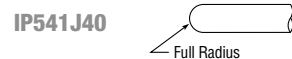
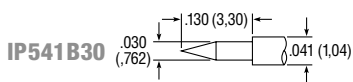
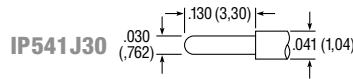
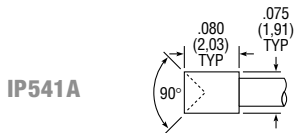
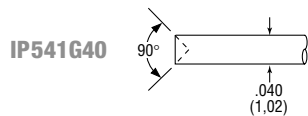
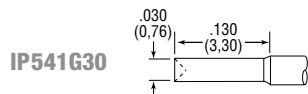
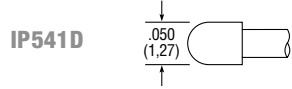
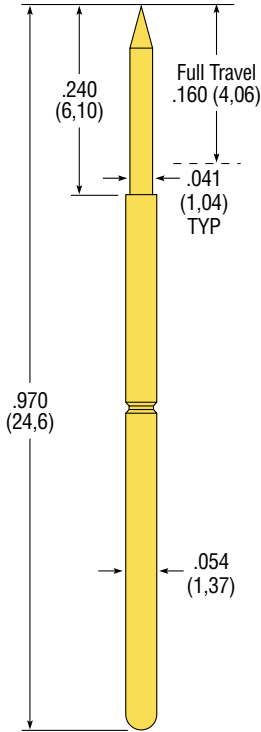
Test Probes for Bare and Loaded PCB Testing

The IP541 is an interchangeable probe designed for use in testing conventional PCBs.

SPECIFICATIONS

PROBE SERIES	IP541
Test Centers	.100 (2,54)
Mechanical	
Max. Plunger Travel	.160 (4,06)
Recom. Working Travel	.106 (2,69)
Mechanical Life (cycles)	>1,000,000
Spring Pressure	
Light:	initial 1.08 oz. (31g)
	@ working travel 3.5 oz. (99g)
Heavy:	initial 2.64 oz. (75g)
-1	@ working travel 6.5 oz. (184g)
Extra Heavy:	initial 4.09 oz. (116g)
-2	@ working travel 10.0 oz. (283g)
Materials & Finishes	
Plunger	Hardened Beryllium Copper, Gold plated over Nickel, except the K tip which is Tool Steel
Barrel	Work hardened Nickel Silver, Gold plated (I.D. & O.D.) over Nickel plate
Spring	Music Wire, Silver plated
Operating Range (typical)	-55°C to + 105°C
Electrical	
Current Rating (static conditions)	3 amps
Avg. Resistance (mOHMS)	50

RECEPTACLE SERIES	SR541 (Uses Insertion Tool #ARIT54)
Mounting Hole Size	.069 (1,75)
Suggested Drill Size	1,75 mm
Suggested Wire Gauge	22-30 AWG
Materials & Finishes	Work hardened Nickel Silver, Gold plated over Nickel plate
Terminations	Crimp, solder, wire wrap, round post



ORDERING INFORMATION: To order, specify tip style and spring pressure. Example: IP541A is an "A" tip with a light spring. For a heavy spring pressure, add -1 to the model number, i.e., IP541A-1.

Specifications subject to change without notice. Drawings not to scale. Optional tip styles, spring pressures, and materials available, contact factory for more information.