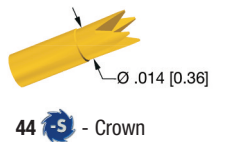
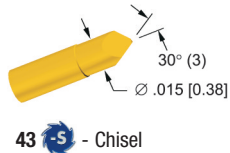
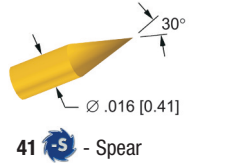
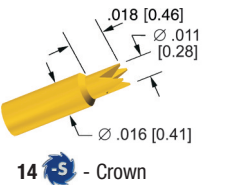
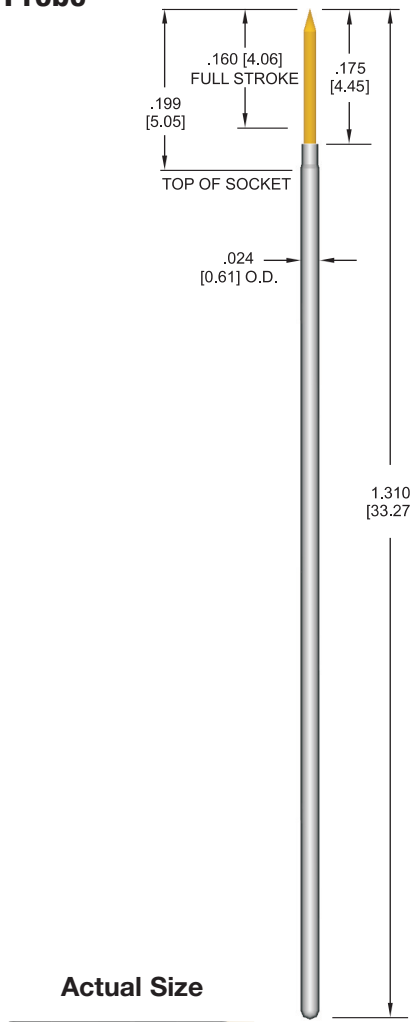


039-16 Series

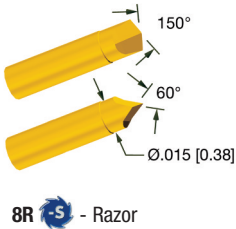
The 039-16 series probes and sockets are designed for loaded board testing.

Probe

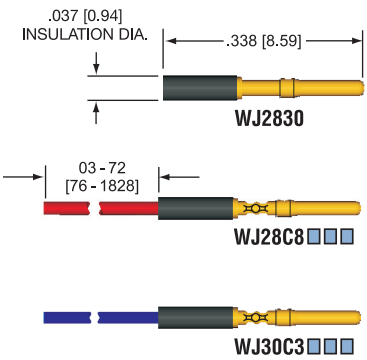


NEW Razor Sharp Tip Styles

See page 69 for more details

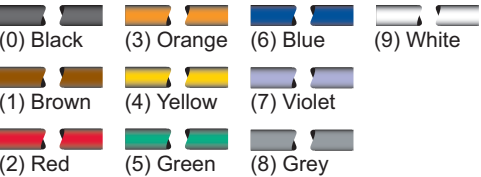


Wire Jacks



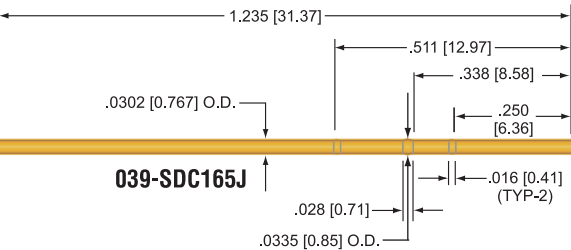
Wire Colors

Available wire colors for wire jack crimp option



Sockets

Mounting holes in AT7000, G10/FR4 or similar materials should be gauged at .0307/.0317 [0.78/0.81], suggested drill sizes 1/32" or 80mm.



PROBE P/N: 039 - PRP16-S example: 039 - PRP1641X-S

TUBE	Letter	Material/Finish			Average Resistance	
	P	Nickel silver/ID precious metal clad			< 165 milliohms	
POINT	Digits	Material/Finish				
	See Points	Heat-treated steel/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ Stroke)
	S	Standard	2.5 [71]	3.5 [99]	Music wire	1M min @ .107 [2.72] max
	X	Extra High	3.8 [108]	5.4 [153]	Music wire	100K min @ .107 [2.72] max
OPTION	Letter	Description				
	S	🔩 Heat-treated steel/plated gold over nickel				

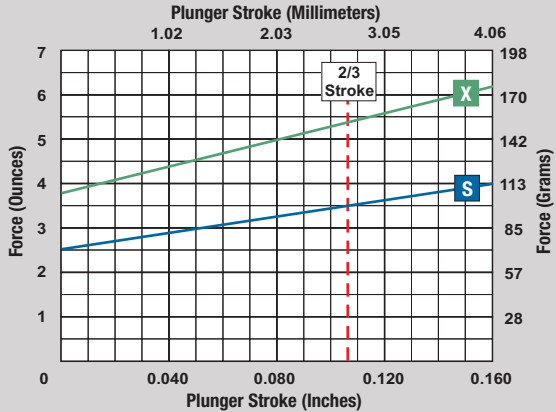


Probe Specifications

Mechanical

Full stroke: .160 [4.06] • Working stroke: up to .107 [2.72]
Operating temp.: 40°F to 250°F [5°C to 120°C]
Current rating (for single probe in ambient air with 70°F [20°C] rise): 3.5 Amps

Spring Force



Installation and Extraction Tool Part Numbers (see pages 62 & 63)

Pin Gauge Tool: PG39
Socket Installation Tool: IT39-FLUSH or IT39 SET .000 to .320 [0.00 to 8.13]
Socket Extraction Tool: ET39-KIT (includes IT39-FLUSH & ET39 – sockets must be FLUSH before extraction)
Probe Insertion Tool: PT50/39
Wire Jack Installation Tool: JT2830

WIRE JACK P/N: WJ-S example: WJ28C8230-S

JACK	Letter	Material/Finish									
	WJ	Brass/gold plated with nylon insulator									
SIZE	Digits	Description									
	2830	Wire Jack only (customer to crimp wire)									
	28C8	28 AWG Kynar insulated solid wire, pre-attached									
	30C3	30 AWG Kynar insulated solid wire, pre-attached									
WIRE		Colors Available for 28C & 30C Termination									
		0	Black	2	Red	4	Yellow	6	Blue	8	Grey
		1	Brown	3	Orange	5	Green	7	Violet	9	White
		Wire Length Available for 28C & 30C Termination									
			Specify Length: 03 – 72 [76-1828]								
OPTION	Letter	Description									
	S	Strip Length 0.00/0.669 [0.00/16.99]; Customer to specify Strip Length									

US Patent No. 4,855,533

SOCKET P/N: 039 - SDC165J

TUBE	Letter	Material/Finish
C		Heat-treated BeCu/gold plated
TERM.	Digits	Description
J		Wire Jack, accepts WJ28C or WJ30C

