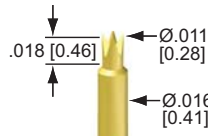
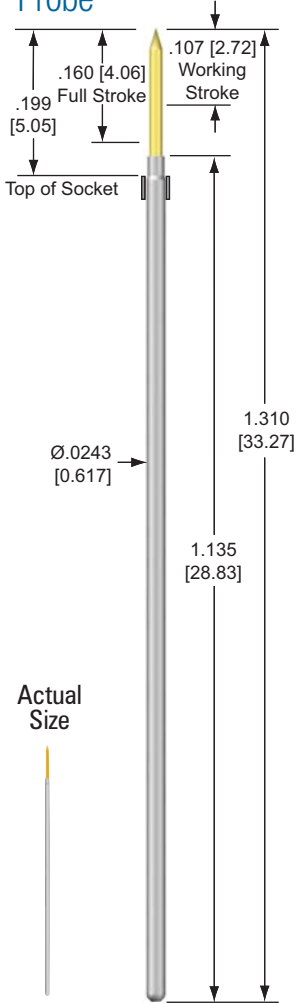


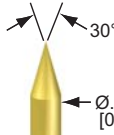
Probe



14 -S - Crown



43 -S - Chisel



41 -S - Spear



44 -S - Crown

Razor Sharp Tip Style (See page 92 for more details)



8R -S - Razor

Actual Size

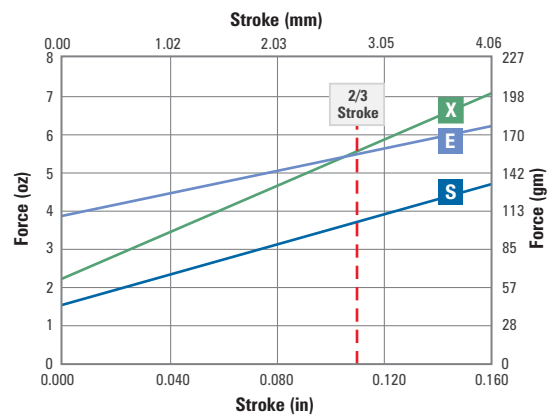
Probe P/N:

039-PRP16 - - example: 039-PRP1643X-S

TUBE	Letter	Material/Finish	Average Resistance	Current Rating ¹ MW @ 120°C		
	P	Nickel silver/ID precious metal clad	< 165 mOhms	3.1 Amps		
TIP STYLES	Digits	Material/Finish				
	See Tips	Heat treated steel/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Cycle Life @ Stroke
	S	Standard	1.5 [42]	3.6 [102]	MW	1M @ .107 [2.72]
	X	Extra	2.2 [62]	5.4 [153]	MW	75K @ .107 [2.72]
High Preload Spring – Only available with 43-S, 44-S & 8R-S tip styles.						
	E	High Preload	3.8 [108]	5.4 [153]	MW	100K @ .107 [2.72]
OPTION	Letter	Description				
	N	No probe lubrication. Removing probe lubrication greatly reduces cycle life and should only be used in applications requiring operating temperatures below -45°C.				
	S	Heat treated steel/plated gold over nickel (see tip style for availability)				
	(blank)	No option required				

¹ Current Rating is affected by spring material and lubrication choices. Standard lubrication has a 204°C maximum operating temperature limit. Before using probes near these current limits, please refer to Current Carrying Capacity and Operating Temperature Application Notes.

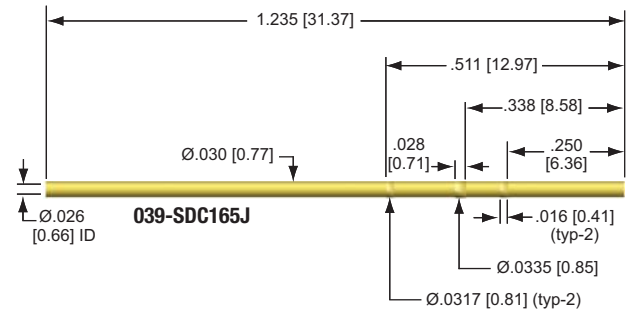
Spring Force



Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged at:

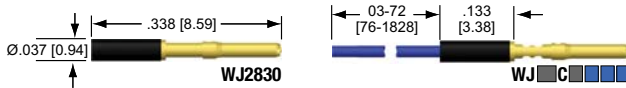
Hole Size	Drill Size
.0307 / .0317 [0.780 / 0.805]	#67 or .80mm

Sockets



Wire Jacks

For use with J termination sockets.



Tools & Accessories (See pages 70-73)

Pin Gauge Tool: PG39

Socket Installation Tool: ITR039-FL or ITR039 SET .001 to .320 [0.03 to 8.13]

Socket Extraction Tool: ETR039-KIT (includes ITR039-FL and ETR039 – sockets must be FLUSH before extraction)

Probe Installation Tool: PT50/39

Damaged Probe Tube Extraction Tool: TERX31/039

Wire Jack Installation Tool: JTR2830

Socket Plugs: 039-SPR

Socket P/N:
039 - SDC165J

TUBE	Letter	Material/Finish
	C	Heat treated BeCu/gold plated over nickel
TERM.	Letter	Description
	J	Wire Jack termination. Accepts wire jacks

Wire Jack P/N:

WJ - example: WJ28C8230

SIZE	Digits	Description/Material								
	2830	Wire Jack only (customer to crimp wire). Brass/gold plated with nylon insulator								
	28C8	28 AWG Kynar insulated solid wire, pre-attached, specify color and length								
	30C3	30 AWG Kynar insulated solid wire, pre-attached, specify color and length								
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
OPTION	Wire Length Available for 28C & 30C Termination									
	Specify Length: 03 – 72 [76-1828]									
OPTION	Letter	Description								
	S	Strip Length 0.000/0.669 [0.00/16.99]; Customer to specify strip length								
	(blank)	No option required								

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