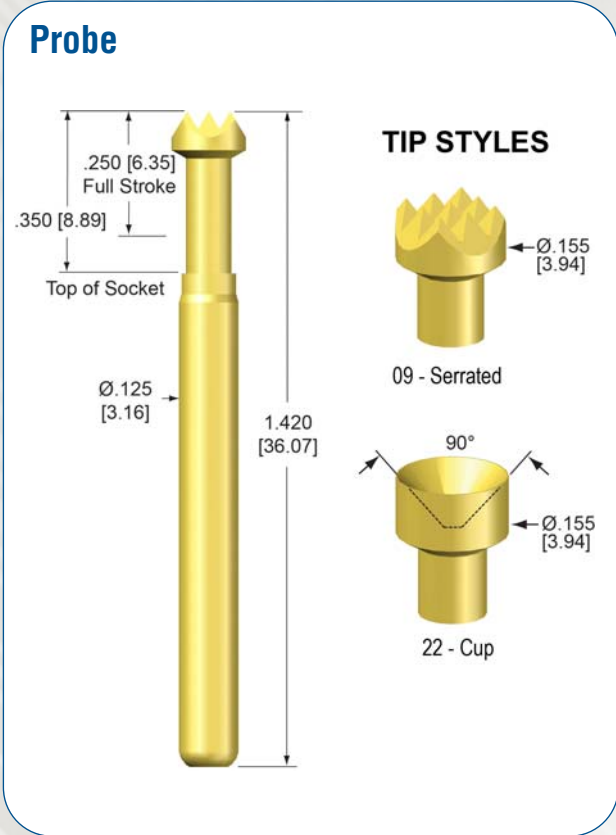




NEW
 Compatible with
 your existing
 "Size 5" probes

QA Technology is pleased to offer a new .187 [4.75] center, .250 [6.35] stroke probe. This new probe series is designed for use in high current applications. They are also used in both In-Circuit and Functional test fixtures.

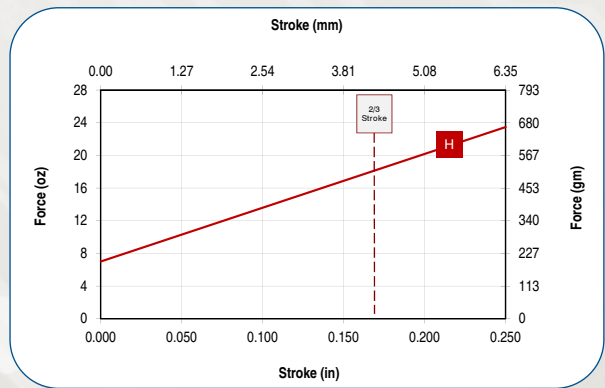


P/N: 187-PRH25 ■ ■ H

Tube	Letter	Material/Finish		Avg Resistance	
	H	High conductivity proprietary alloy/gold plated		< 10 milliohms	
Tip Style	Digit	Material/Finish			
	See Tips	Heat treated BeCu / plated gold over nickel			
Spring	Letter	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ stroke)
	H	7.0 [198]	18.0 [510]	Stainless Steel	1M min @ .167 [4.24] max
Option	Letter	Description			
	N	No probe lubrication. Removing probe lubrication greatly reduces cycle life and should be only used in applications outside of the probe operating temperature specifications.			

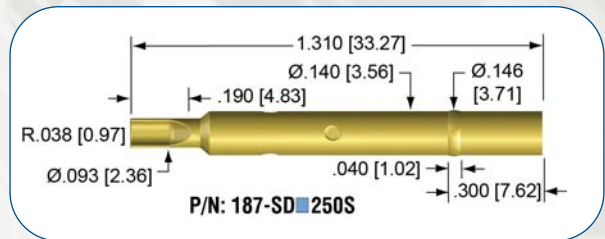
Probe Specifications

Full Stroke: .250 [6.35] - **Working Stroke:** up to .167 [4.24]
Operating Temp: -13° to 400°F [-25° to 204°C]
Current Rating: 39 Amps (testing done with 8AWG wire on solder test targets at 80°C rise above 25°C ambient)
Spring Force:



Socket

Recommended drill hole sizes for AT7000, G10/FR4 or similar material should be gauged at .141 / .143 [3.58 / 3.63]. Suggested drill size 3.60mm.



P/N: 187-SD ■ 250S

Tube	Letter	Material/Finish
	N	Nickel Silver, No finish
H	High Conductivity alloy, gold plated	
Termination	Digit	Material/Finish
	S	Solder Cup

Tools

Socket Installation Tool: ITR187-FL or ITR187 Set .001 to .250 [0.03 to 6.35]
Socket Extraction Tool: ETR187
Pin Gauge Tool: PG187

All dimensions are in inches [mm]. All spring forces are in ounces [gms].