

TO ORDER, CALL 909-625-9390

**Probe Specifications P4301-1F Brute**

**Mechanical**  
 Full Travel: .250 (6.35)  
 Recommended Working Travel: .167 (4.24)  
 Mechanical Life Exceeds:  $1 \times 10^6$  cycles

**Operating Temperature** -40°C to +204°C  
 Consult factory for other temperature requirements.

**Electrical (Static Conditions)**  
 Current Rating: 50 amps  
 maximum continuous current, non-inductive at working travel

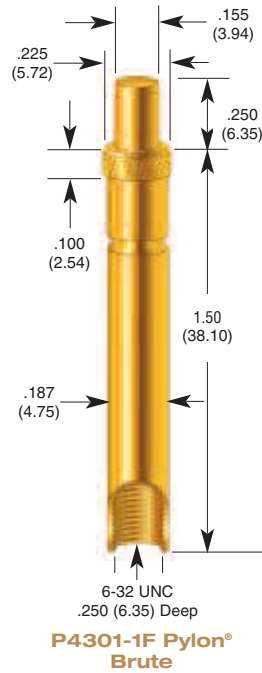
**Average Probe Resistance** 5 mΩ

**Materials and Finishes**  
 Plunger: Gold-plated, tellurium copper  
 Barrel: Gold-plated, tellurium copper  
 Spring: Stainless steel  
 Ball: Stainless steel

**Spring Force in oz. (grams)**  
 Spring Type Preload Working Travel

Standard	16.0 (454)	32.0 (909)
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**Note:** Termination by tapped hole with wire attached



  
**High Current/High Frequency Probes**



Actual Size