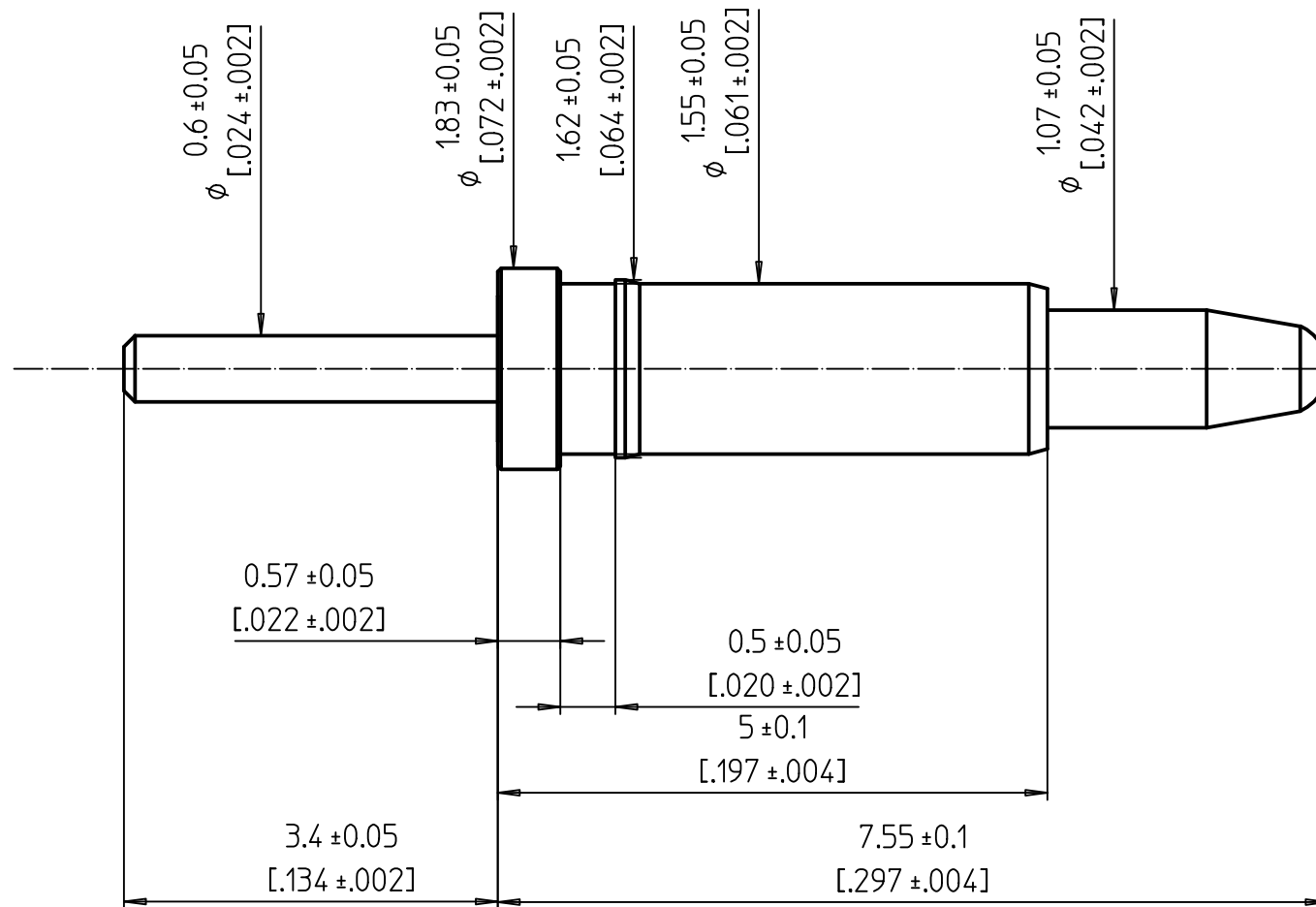
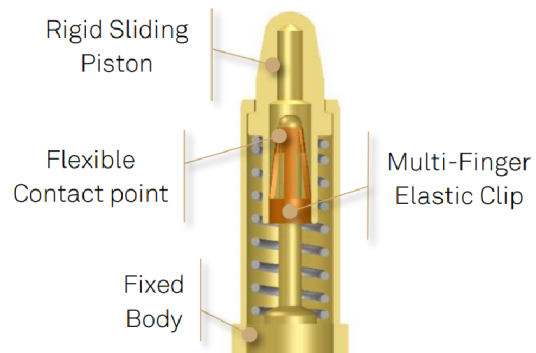


### Spring Loaded Contacts With PRECI-DIP Integrated CLIP



**NOTES:**

**MECHANICAL REQUIREMENTS:**

Durability: 20'000 cycles  
Working stroke between H1 and H2 : S= 120 mm [.047"]  
Spring forces (F):  
F<sub>init</sub>= 0.50 N at H<sub>init</sub>= 6.55 mm [.257"]  
F<sub>1</sub>= 0.57 N at H<sub>1</sub>= 6.35 mm [.250"]  
F<sub>nom</sub>= 0.82±0.15 N at H<sub>nom</sub>= 5.75 mm [.226"]  
F<sub>2</sub>= 1.0 N at H<sub>2</sub>= 5.15 mm [.202"]

Forces are measured in mean value of compression / decompression

**ELECTRICAL REQUIREMENTS:**

Contact resistance:  
R= 30 mOhms max in static mode at H<sub>nom</sub>  
Current per individual contact in free air at ambient temperature:  
I<sub>cont</sub>= 5 A at H<sub>nom</sub> with temperature raise max 30°C

**ENVIRONMENTAL REQUIREMENTS:**

Operating temperature: -25 °C / +125 °C  
Storage temperature: -40 °C / +125 °C  
Relative humidity: 5% / 95%

**MATERIALS / PLATINGS:**

Contact interfaces plated with 0.5 µm [20µ"] gold over Nickel  
Spring: Stainless steel  
Clip : Beryllium Copper

**SOLDERING :**

Recommended PCB pad size : 2.0 mm [.078"]  
Recommended Mounting Hole : 0.70 mm [.027"]  
Solderability J-STD-002A. Test A 245°C, 5s, solder alloy SnAg3.8Cu0.7  
Resistance to soldering heat J-STD-020C, 260°C, 20S

**INSULATOR :**

If assembling pin into moulding :  
Recommended hole size : Ø1.58 [.062"]

High Reliability  
Spring Loaded Contact



 25:1	Remplace:		
	Remplacé par:		
25:1	Dessiné	15.12.2022	C.Bidault
	Contrôlé		
N° dessin			
90773-AS			