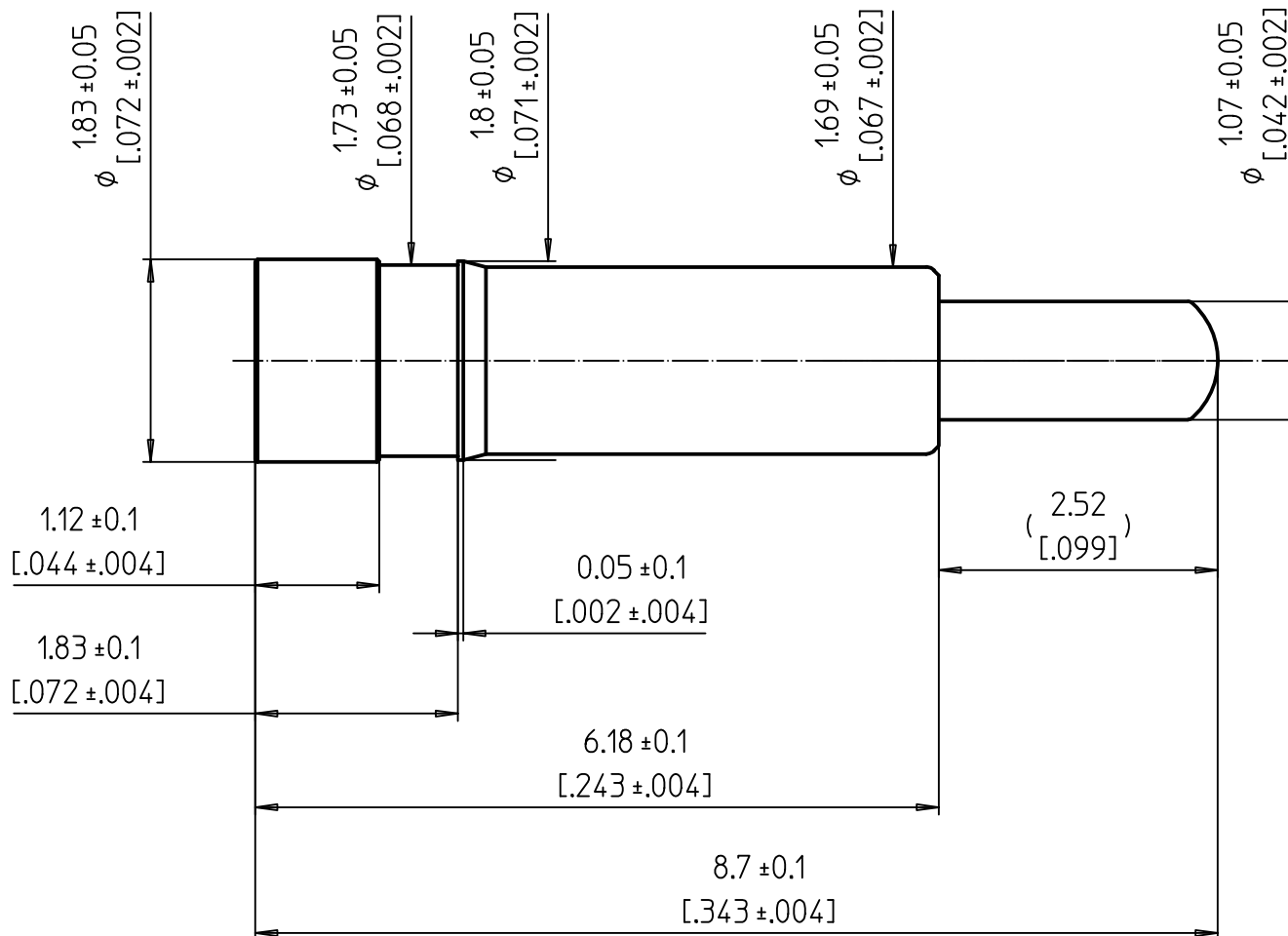
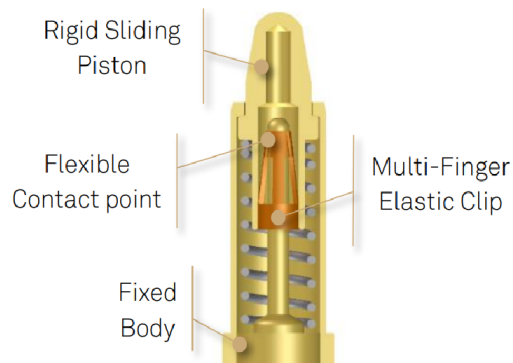


### Spring Loaded Contacts With PRECI-DIP Integrated CLIP



**NOTES:**

**MECHANICAL REQUIREMENTS:**

Durability: 20'000 cycles at Hnom  
Theoretical stroke: S= 2.00 mm [.078']  
Spring forces (F):  
Finit= 1.0 N \*  
F1= 1.1 N at H1= 8.50 mm [.334']  
Fnom= 1.70 N at Hnom= 7.60 mm [.30']  
F2= 2.1 N at H2= 6.70 mm [.26']  
Recommended working range: between H1 and H2  
Forces are measured in mean value of compression / decompression

**ELECTRICAL REQUIREMENTS:**

Contact resistance:  
R= 30 mOhms max in static mode at Hnom  
Current per individual contact in free air at ambient temperature:  
ICont= 5 A at Hnom with temperature raise max 30°C

**ELECTRICAL REQUIREMENTS:**

Contact resistance:  
R= 30 mOhms max in static mode at Hnom  
Current per individual contact in free air at ambient temperature:  
ICont= 5 A at Hnom with temperature raise max 30°C

**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']  
Solderability J-STD-002A. Test A 245°C, 5s, solder alloy SnAg3.8Cu0.7  
Resistance to soldering heat J-STD-020C, 260°C, 20S

High Reliability  
Spring Loaded Contact



20:1	Remplace:		
	Remplacé par:		
	Dessiné	18.10.2022	C.Bidault
	Contrôlé		
N° dessin			Révision
90736-AS			R1