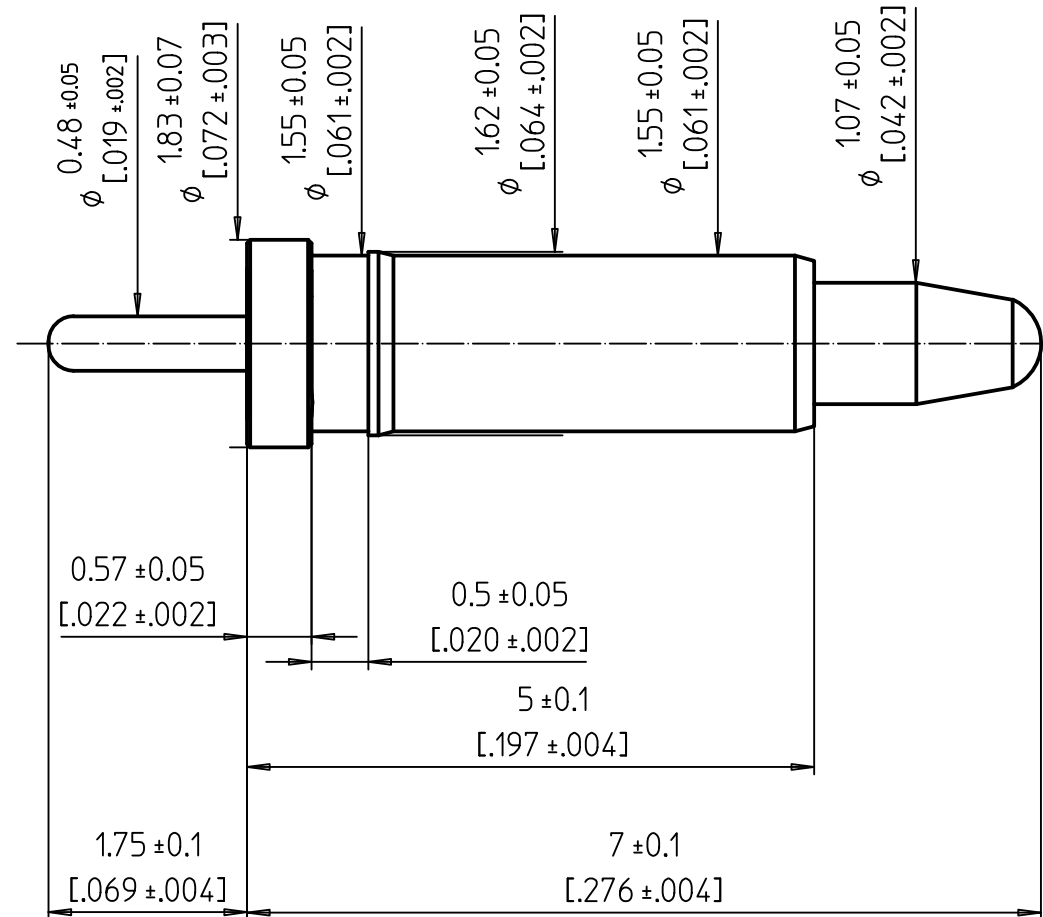
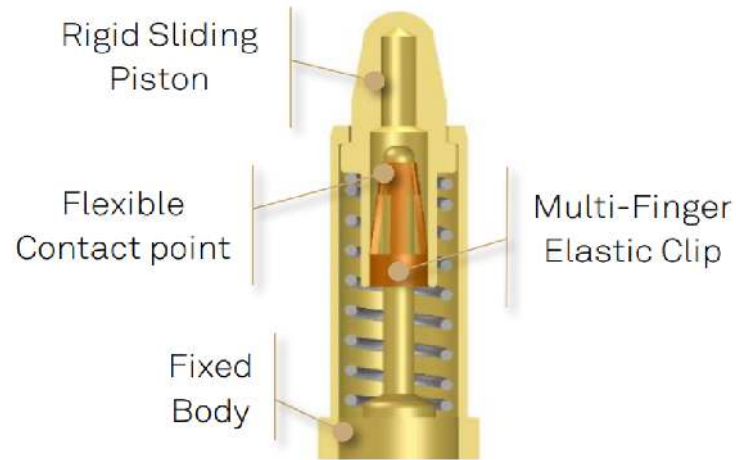


## Spring Loaded Contacts With PRECI-DIP Integrated CLIP



**NOTES:**

**MECHANICAL REQUIREMENTS:**

Durability: 20'000 cycles  
Working stroke between H1 and H2 : 1.4 mm [.055']  
Spring forces (F):

Finit= 0.50 N at Hinit= 7.05 mm [.277']  
F1= 0.57 N at H1= 6.85 mm [.269']  
Fnom= 0.87±0.15 N at Hnom= 6.35 mm [.250']  
F2= 1.0 N at H2= 5.45 mm [.214']

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:  
Cont= 5 A at Hnom 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 0.56 mm [.022']  
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 mm [.062']

High Reliability  
Spring Loaded Contact



**preci-dip**  
swiss world connects



0908-1-CLIP // 90717-AS

Remplacé par:

25:1

Dessiné

21.04.2022

C.Bidault

Contrôlé

N° dessin

Révision

0908-1-CLIP

P1