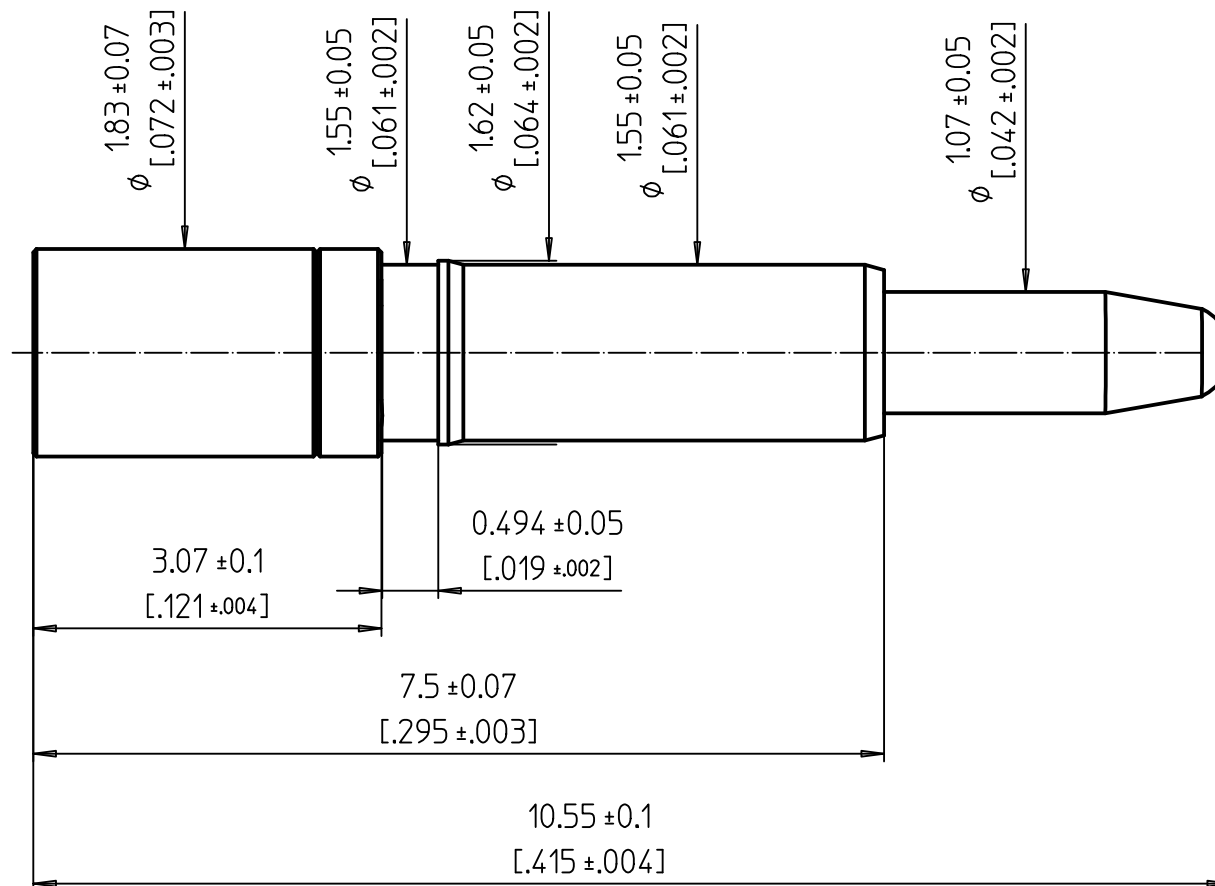
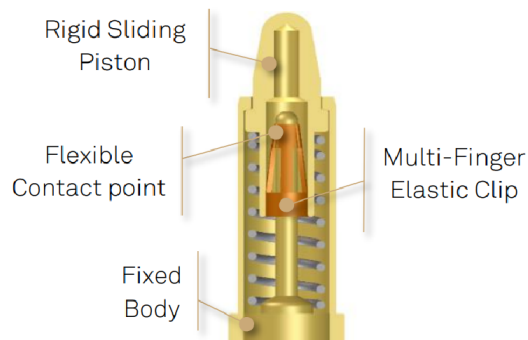


## Spring Loaded Contacts With PRECI-DIP Integrated CLIP



### NOTES:

#### MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles  
Working stroke between H1 and H2: S= 1.4 mm [.055"]  
Spring forces (F):  
F<sub>init</sub>= 0.50 N at H<sub>init</sub>= 10.55 mm [.415"]  
F<sub>1</sub>= 0.57 N at H<sub>1</sub>= 10.35 mm [.407"]  
F<sub>nom</sub>= 0.82±0.15 N at H<sub>nom</sub>= 9.65 mm [.380"]  
F<sub>2</sub>= 1.00 N at H<sub>2</sub>= 8.95 mm [.352"]

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"]  
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



**preci-dip**  
swiss world connect



15:1

Remplace:

Remplacé par:

Dessiné

10.11.2020

C.Bidault

Contrôlé

N° dessin

Révision

0907-8-CLIP

P2