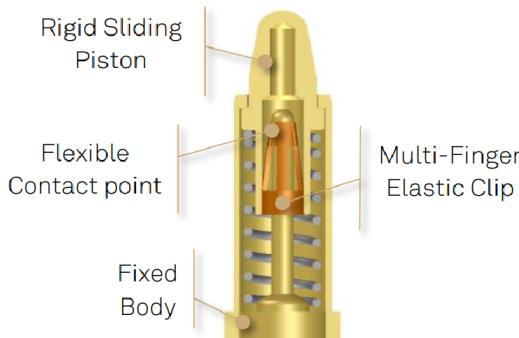


Spring Loaded Contacts  
With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles  
Working stroke between H1 and H2: S= 1.4 mm [.055']  
Spring forces (F):  
Finit= 0.50 N at Hinit= 10.55 mm [.415']  
F1= 0.57 N at H1= 10.35 mm [.407']  
From= 0.82±0.15 N at Hnom= 9.65 mm [.380']  
F2= 1.00 N at H2= 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 Hnom  
Current per individual contact in free air at ambient temperature:  
ICont= 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:

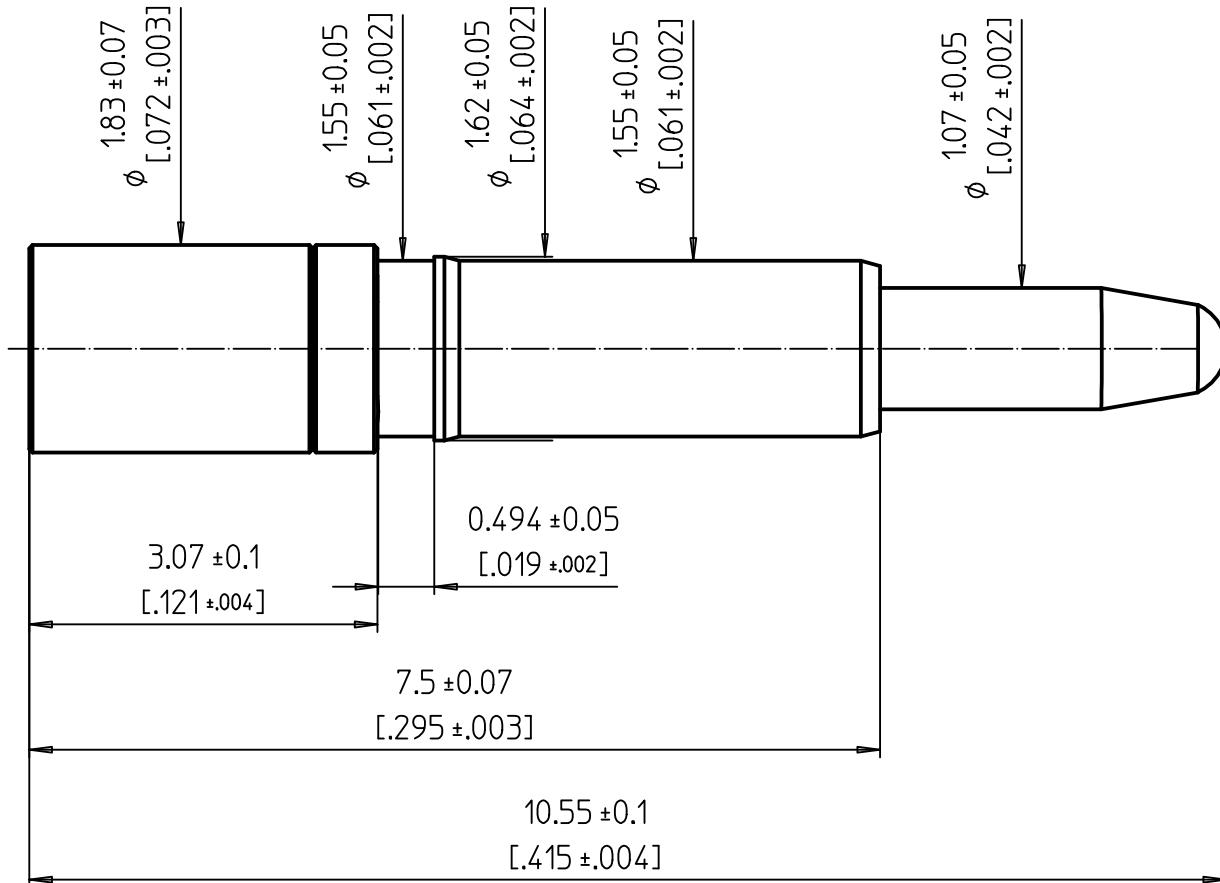
Contact interfaces plated with 0.5 µm [20µ] gold over Nickel  
Spring: Stainless steel  
Clip : Beryllium Copper

SOLDERING :

Recommended PCB pad size : 2.0 mm [.078']  
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	 15:1	Remplace:		
		Remplacé par:		
		Dessiné	10.11.2020	C.Bidault
		Contrôlé		
		N° dessin	Révision	
		0907-8-CLIP	P2	