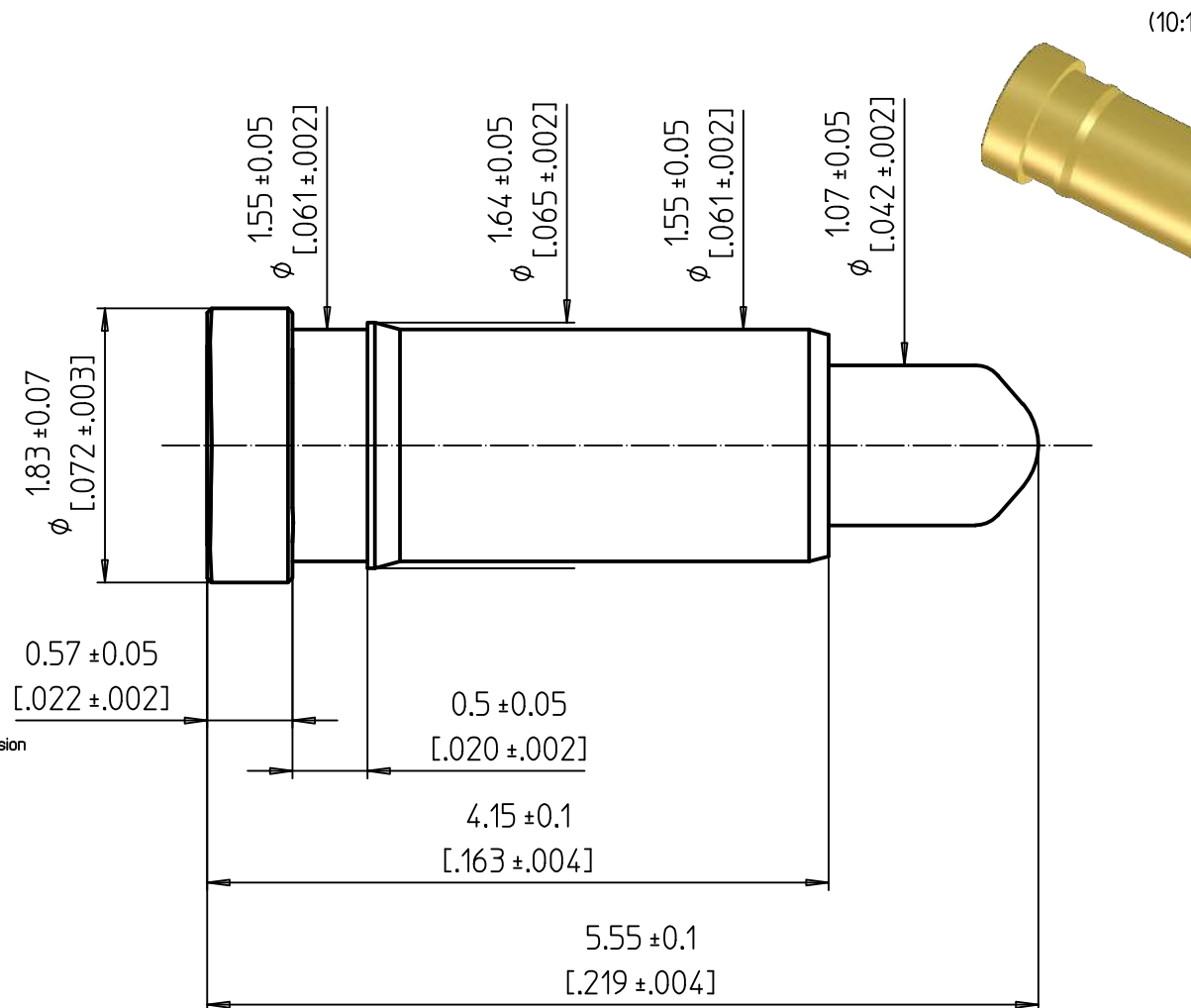
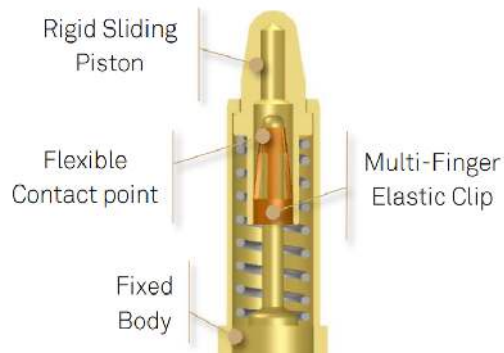


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom
Theoretical stroke: S= 1.3 mm [0.51"]
Spring forces (F):
Finit= 0.50 N at Hini= 5.55 mm [218"]
F1= 0.57 N at H1= 5.35 mm [210"]
Fnom= 0.82±0.15 N at Hnom= 4.80 mm [189"]
F2= 1.00 N at H2= 4.25 mm [167"]
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

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 [0.78"]
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 : Ø1.58mm [0.62"]

Series 0900-CLIP High Reliability Spring Loaded Contact		90640-AS // 0900-3-CLIP		
		Remplacé par:		
25:1	Dessiné	14.12.2022	C.Bidault	
	Contrôlé			
 precipip swiss world connect		N° dessin		Révision
		0900-3-CLIP		