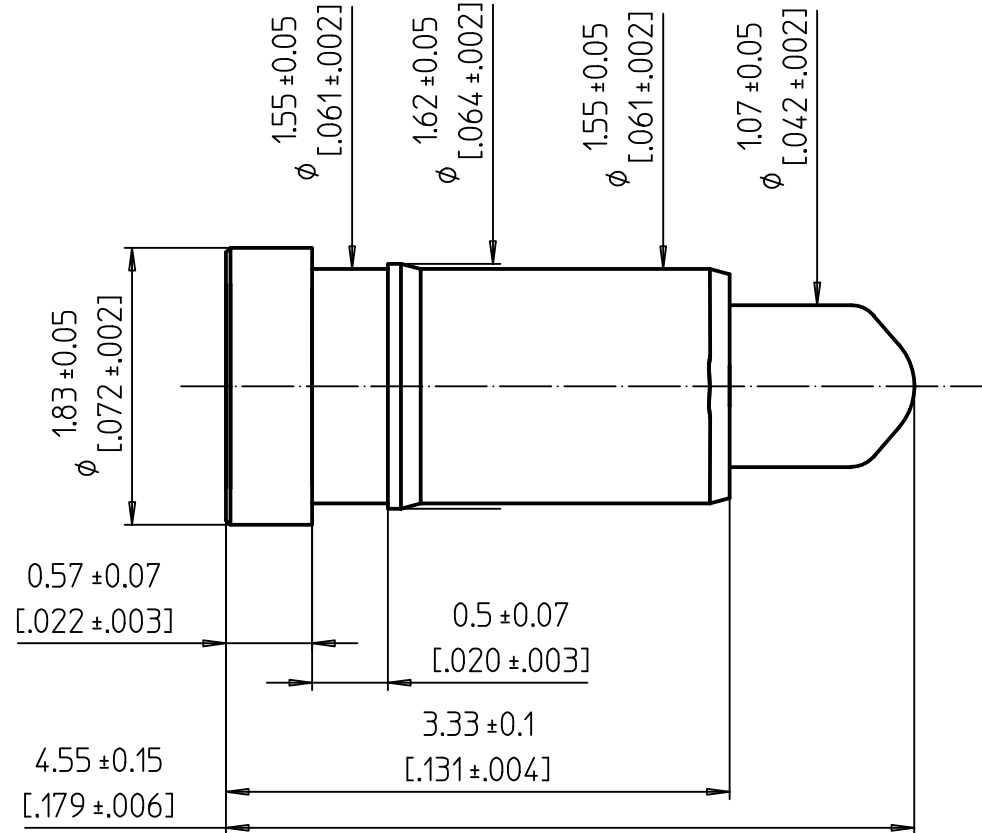
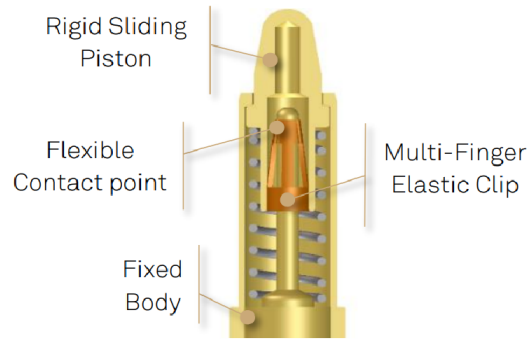


Spring Loaded Contacts With PRECI-DIP Integrated CLIP

(10:1)



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom
Working stroke between H1 and H2 : S= 0.6 mm [.023]

Spring forces (F):

Finit= 0.35 N at Hinit= 4.55 mm [.180]
F1= 0.45 N at H1= 4.35 mm [.171]
Fnom= 0.65±0.15 N at Hnom= 4.05 mm [.160]
F2= 0.85 N at H2= 3.75 mm [.147]

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"]

Series 0900-CLIP
High Reliability
Spring Loaded Contact



preci-dip
swiss world connect

25:1	90638-AS // 0900-1-CLIP		
	Remplacé par:		
	Dessiné	10.11.2020	C.Bidault
	Contrôlé		
N° dessin		Révision	
0900-1-CLIP		P2	