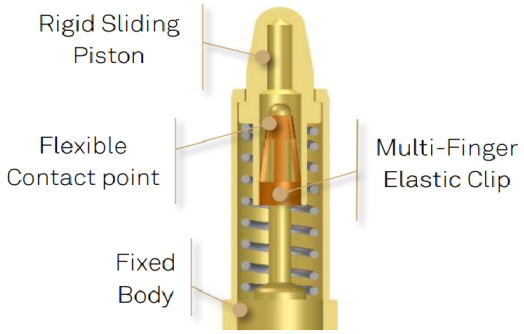
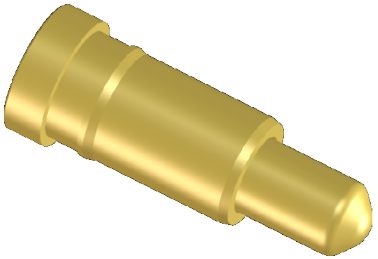
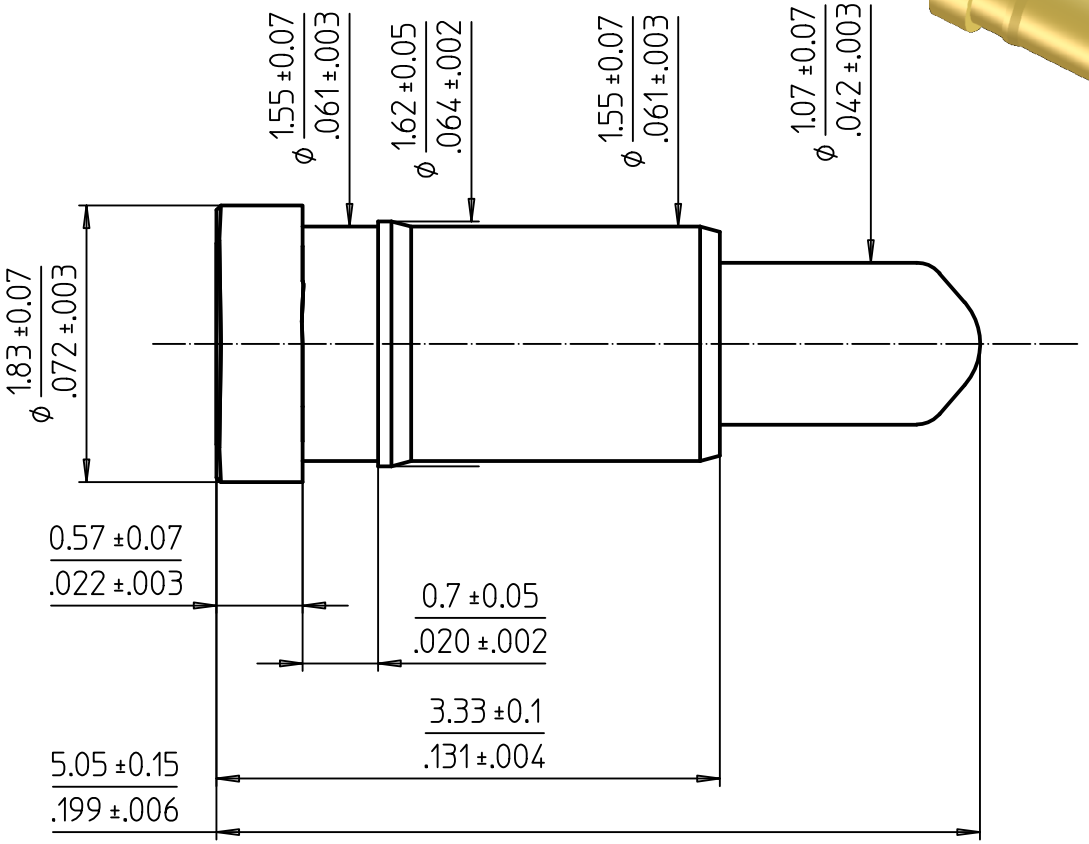
Spring Loaded Contacts
With PRECI-DIP Integrated CLIP



(10:1)





NOTES:

MECHANICAL REQUIREMENTS:
- Durability: 20'000 cycles
- Working stroke between H1 and H2: S= 0.85 mm [.0334]
- Spring forces (F):
  - Finit= 0.40 N at Hinit= 5.05 mm [.198]
  - F1= 0.50 N at H1= 4.85 mm [.191]
  - Fnom= 0.70±0.15 N at Hnom= 4.425 mm [.174]
  - F2= 0.90 N at H2= 4.00 mm [.157]
  - 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 : Berylium Copper

SOLDERING :
- Recommanded 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 :
- Recommanded hole size : Ø1.58 mm [.062']

Series 0900-CLIP
High Reliability
Spring Loaded Contact

preci-dip
swiss world connect

90639-AS // 0900-2-CLIP			
Remplacé par:			
25:1	Dessiné	10.11.2020	C.Bidault
	Contrôlé		
N° dessin			Révision
0900-2-CLIP			P2