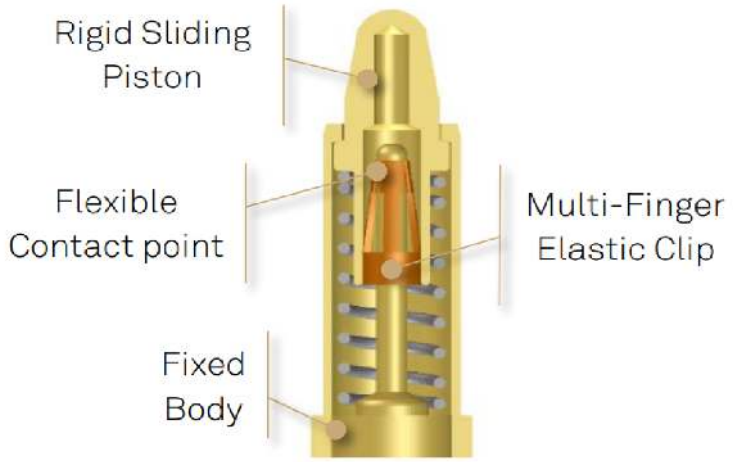
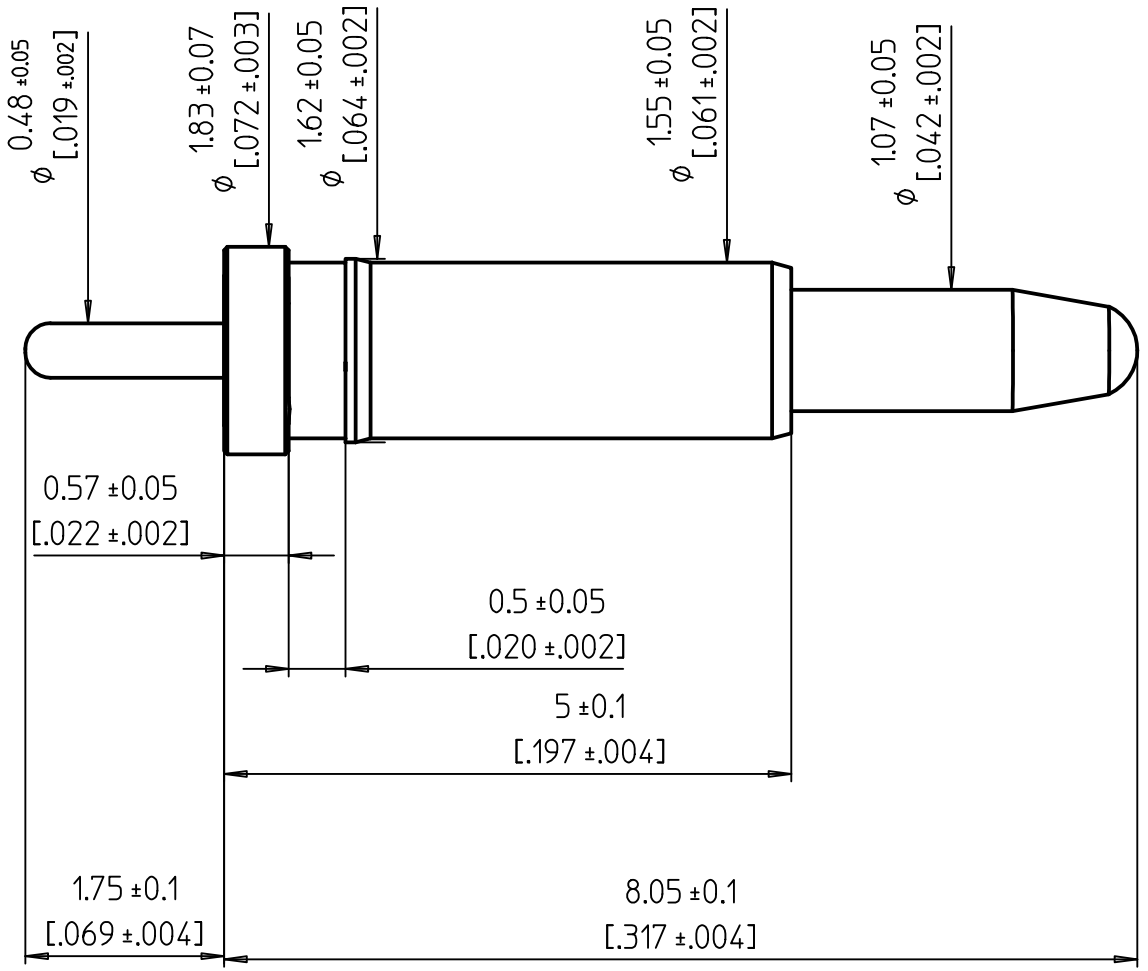
Spring Loaded Contacts
With PRECI-DIP Integrated CLIP





NOTES:

MECHANICAL REQUIREMENTS:
- Durability: 20'000 cycles
- Working stroke between H1 and H2 : 1.4 mm [.055']
- Spring forces (F):
  - Finit= 0.50 N at Hinit= 8.05 mm [.317']
  - F1= 0.57 N at H1= 7.85 mm [.309']
  - Fnom= 0.87±0.15 N at Hnom= 7.35 mm [.290']
  - F2= 1.0 N at H2= 6.45 mm [.254']
  - 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 :
- Recommanded PCB pad size : 2.0 mm [.078']
- Recommanded Mouting Hole 0,56 mm [.022']
- 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		0908-3-CLIP // 90719-AS	
		Remplacé par:	
	25:1	Dessiné	20.12.2022 C.Bidault
		Contrôlé	
preci-dip swiss world connects		N° dessin	Révision
		0908-3-CLIP	