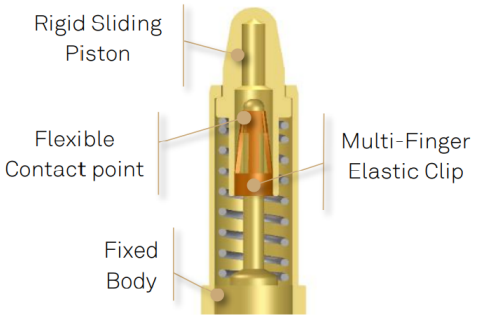
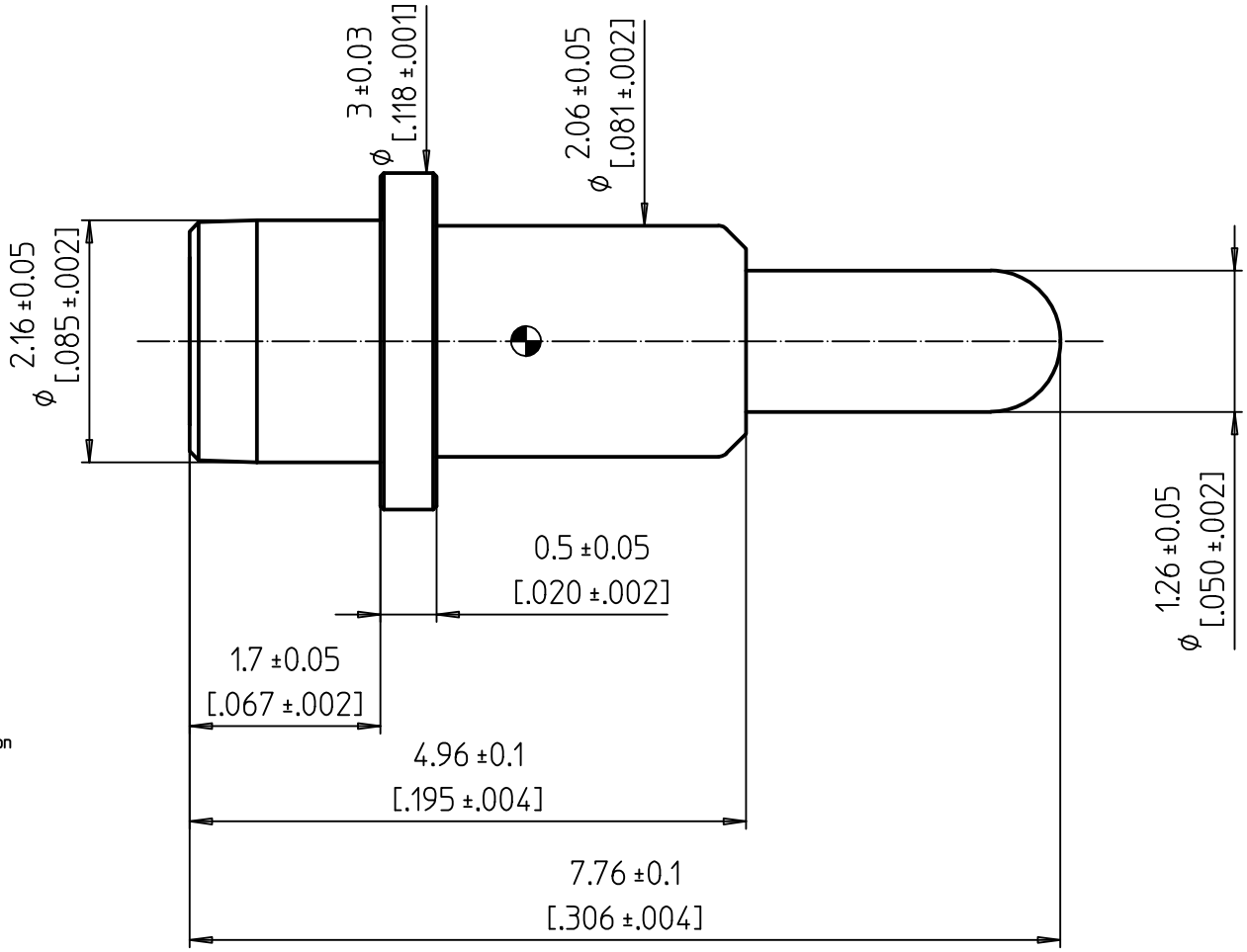
Spring Loaded Contacts
With PRECI-DIP Integrated CLIP





NOTES:

MECHANICAL REQUIREMENTS:
- Durability: 10'000 cycles at Hnom
- Theoretical stroke: S= 1.70 mm [.067']
- Spring forces (F):
  - Finit= 0.46 N
  - F1= 0.60 N at H1= 7.56 mm [.297']
  - Fnom= 1.11±0.32 N at Hnom= 6.81 mm [.268']
  - F2= 1.62 N at H2= 6.06 mm [.238']
  - 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 : 3.2 mm [.126']
- Recommanded Mouting Hole 2,30 mm [.09']
- Solderability J-STD-002A. Test A 245°C, 5s, solder alloy SnAg3.8Cu0.7
- Resistance to soldering heat J-STD-020C, 260°C, 20S
- This recommandation may vary regarding your soldering process

High Reliability Spring Loaded Contact		Remplace:	
		Remplacé par:	
	15:1	Dessiné	15.12.2022 C.Bidault
		Contrôlé	
preci-dip swiss world connect		N° dessin	Révision
		90625-AS	P3