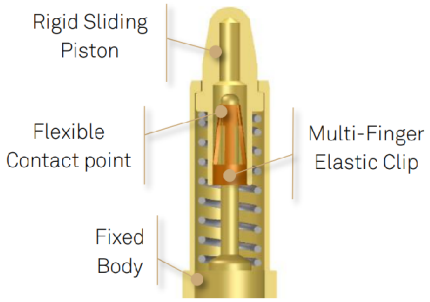
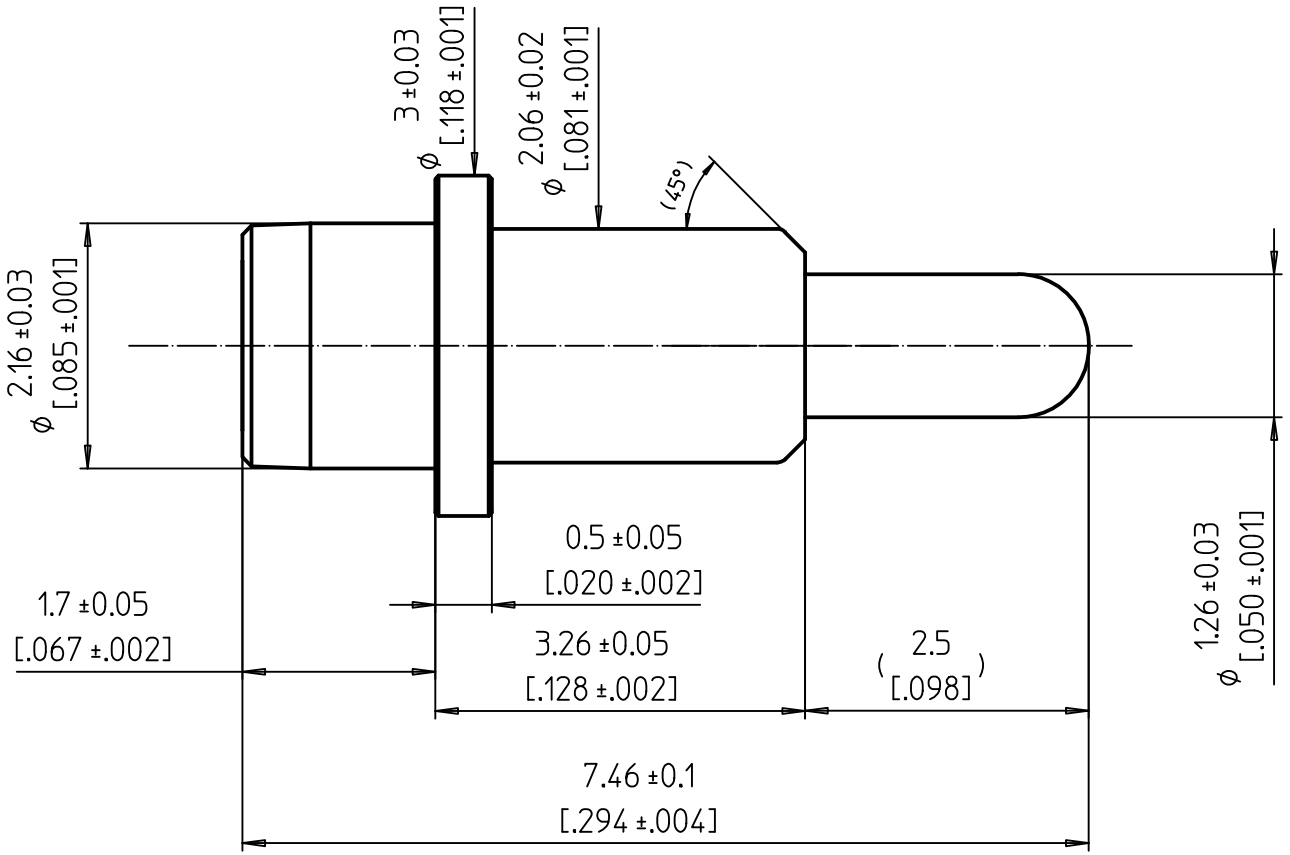
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Spring Loaded Contacts
With PRECI-DIP Integrated CLIP





NOTES:

MECHANICAL REQUIREMENTS:
- Durability: 20'000 cycles at Hnom
- Theoretical stroke: S= 1.40 mm [.055']
- Spring forces (F):
  - Finit= 0.46 N *
  - F1= 0.6 N at H1= 5.56 mm [.219']
  - Fnom= 0.91±0.28 N at Hnom= 5.11 mm [.201']
  - F2= 1.42 N at H2= 4.36 mm [.171']
  - 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 hole size : 2,41 mm [.095]
- Pad size 3,2 mm [.125]
- PCB hole and Pad size may vary regarding your soldering process

High Reliability
Spring Loaded Contact

preci-dip
swiss world connect

	Remplace:		
	Remplacé par:		
15:1	Dessiné	09.12.2022	C.Bidault
	Contrôlé		
N° dessin			Révision
90629-AS			P2