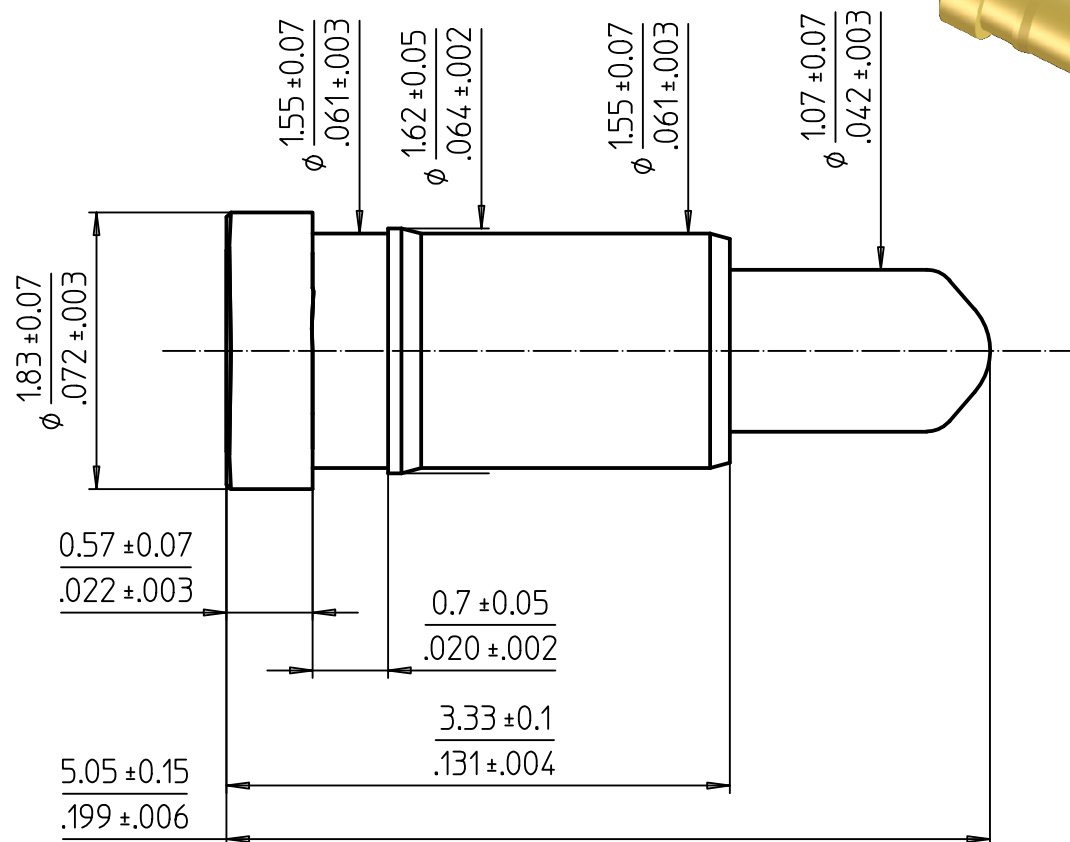
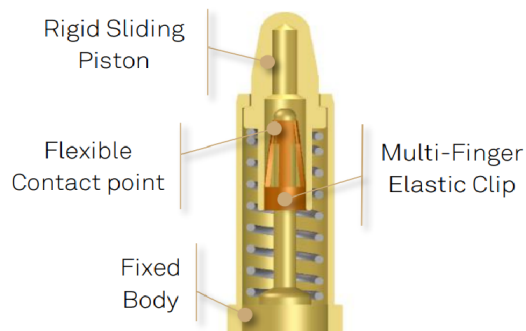


Spring Loaded Contacts With PRECI-DIP Integrated CLIP

(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 : 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 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