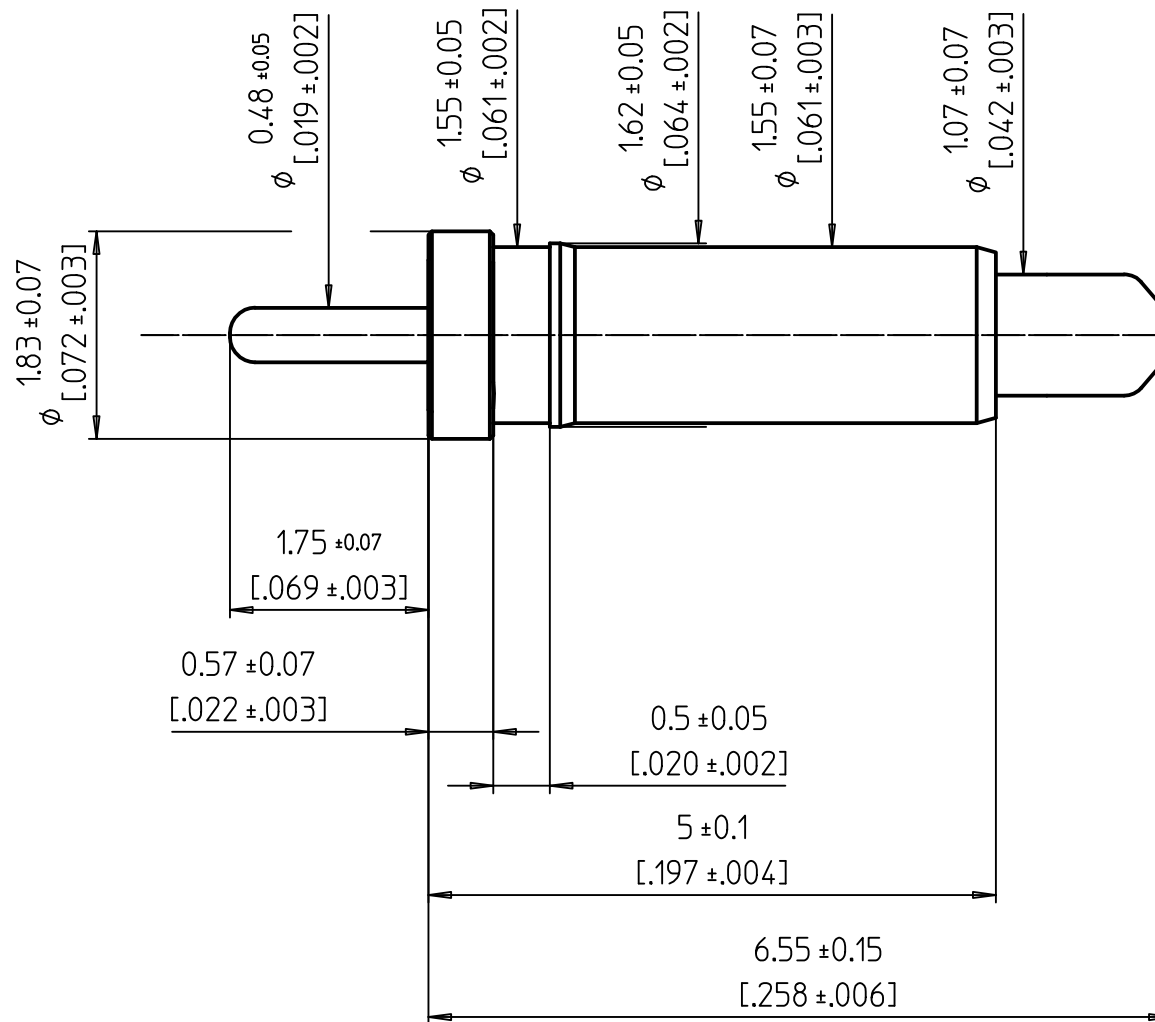
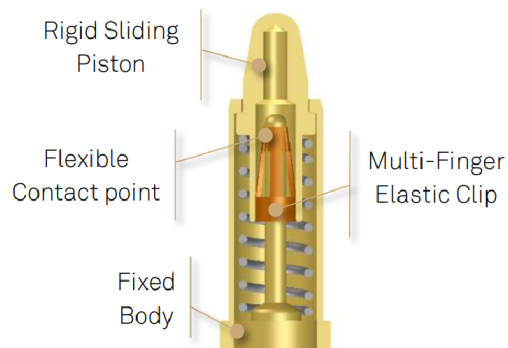


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles
Working stroke between H1 and H2 : 1.2 mm [.047']
Spring forces (F):
F_{init} = 0.50 N at H_{init} = 6.55 mm [.258']
F₁ = 0.57 N at H₁ = 6.35 mm [.25']
F_{nom} = 0.82 ± 0.15 N at H_{nom} = 5.75 mm [.226']
F₂ = 1.0 N at H₂ = 5.15 mm [.202']

Forces are measured in mean value of compression / decompression

ELECTRICAL REQUIREMENTS:

Contact resistance:
R = 30 mOhms max in static mode at H_{nom}
Current per individual contact in free air at ambient temperature:
I_{cont} = 5 A at H_{nom} 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[.062']

Series 0900-CLIP
High Reliability
Spring Loaded Contact



preci-dip
swiss world connects



Remplace:

Remplacé par:

15:1

Dessiné

21.04.2022

C.Bidault

Contrôlé

N° dessin

0908-0-CLIP