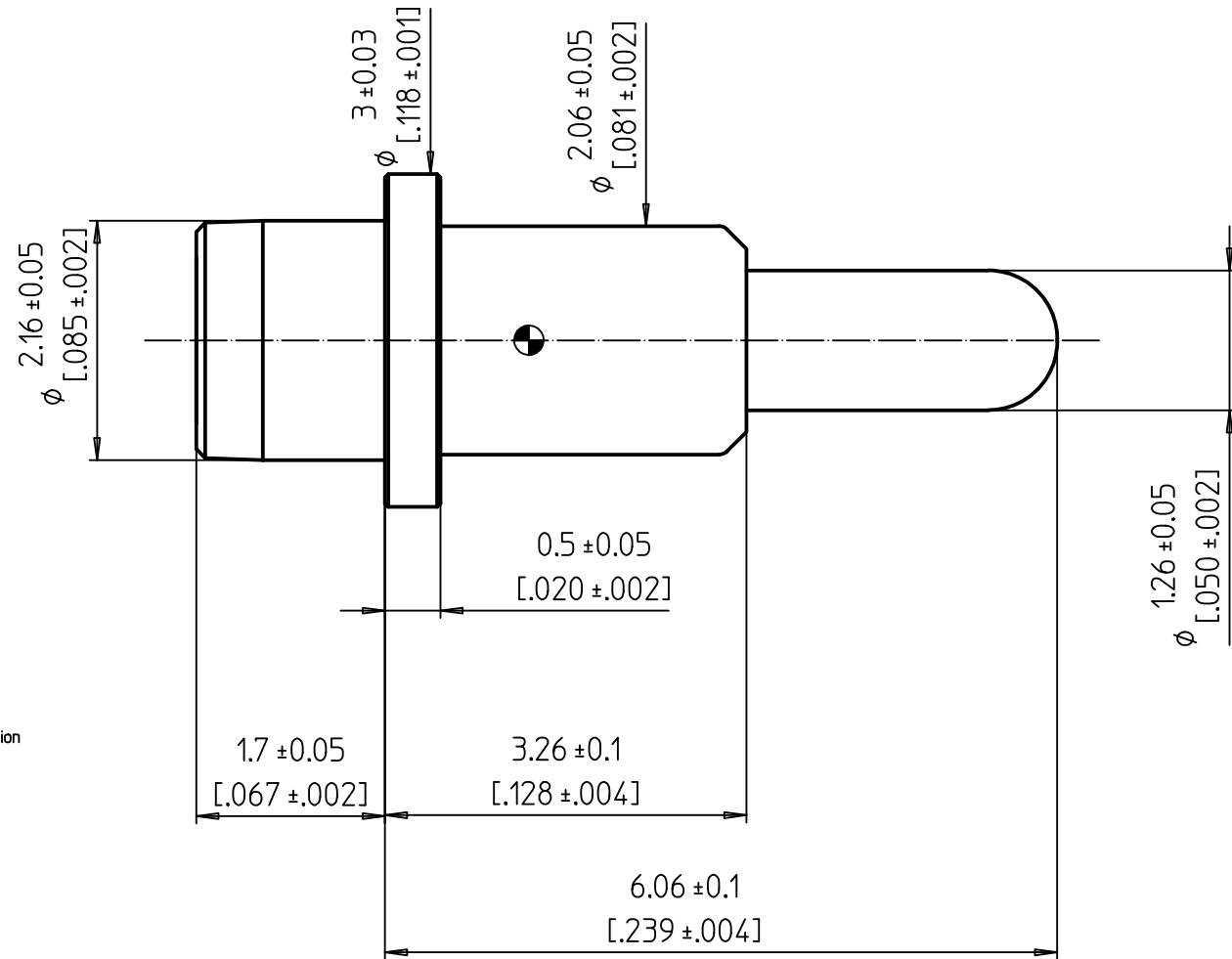
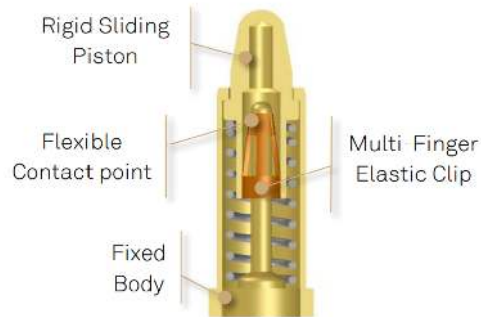


Spring Loaded Contacts  
With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom  
Theoretical stroke: S= 1.70 mm [0.067']  
Spring forces (F):  
Finit= 0.46 N  
F1= 0.60 N at H1= 5.86 mm  
Fnom= 1.11±0.32 N at Hnom= 5.11 mm  
F2= 1.62 N at H2= 4.36 mm  
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 : 3.2 mm [0.126']  
Recommended Mouting Hole 2.30 mm [0.09']  
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 recommendation may vary regarding your soldering process

High Reliability  
Spring Loaded Contact



Remplace:

Remplacé par:

15:1

Dessiné

15.12.2022

C.Bidault

Contrôlé

N° dessin

Révision

90625-AS

P3