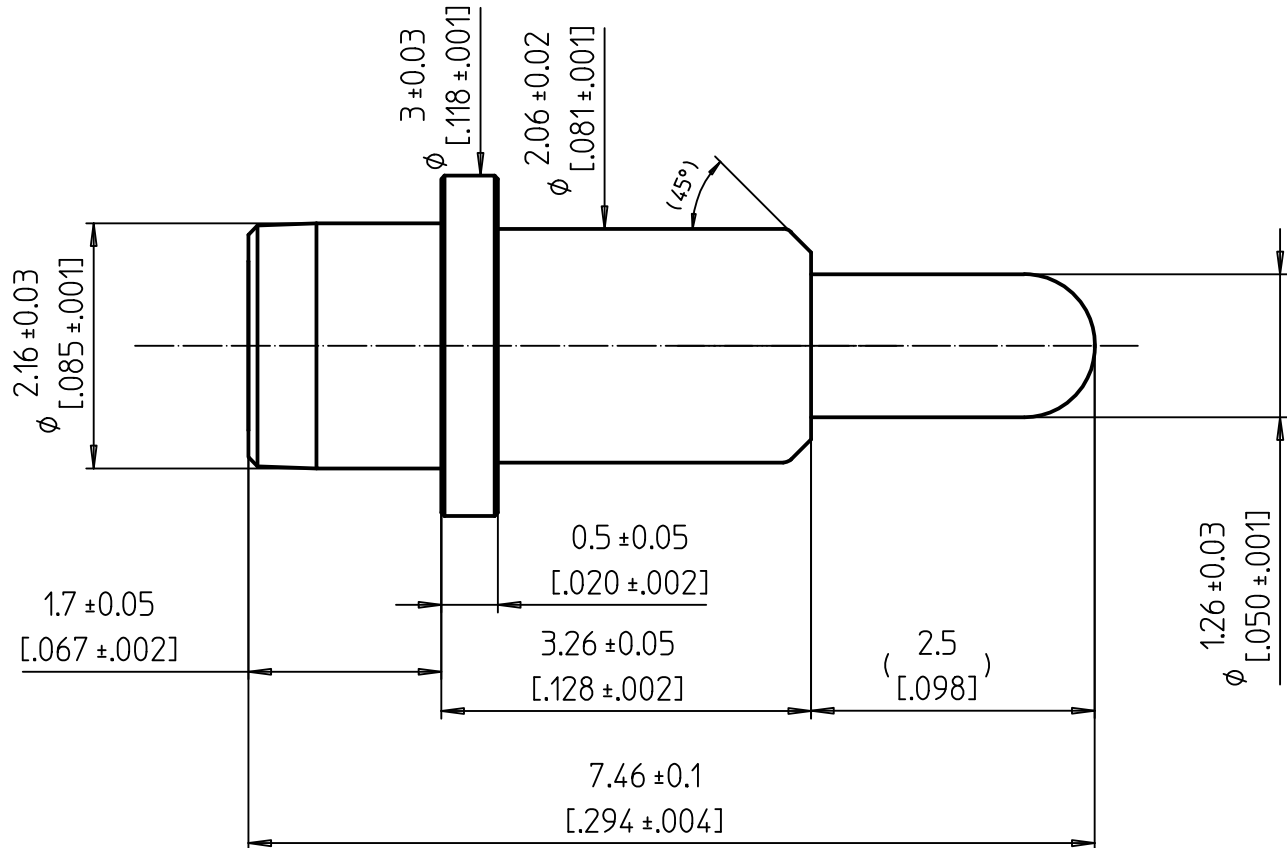
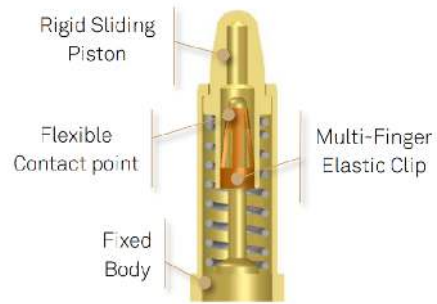


Spring Loaded Contacts
With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom
Theoretical stroke: S= 1.40 mm [0.055']
Spring forces (F):
Finit= 0.46 N *
F1= 0.6 N at H1= 5.56 mm [0.219']
Fnom= 0.91±0.28 N at Hnom= 5.11 mm [0.201']
F2= 1.42 N at H2= 4.36 mm [0.171']
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

Recommended PCB hole size : 2.41 mm [0.095]
Pad size 3.2 mm [0.125]
PCB hole and Pad size may vary regarding your soldering process

High Reliability
Spring Loaded Contact



Remplace:

Remplacé par:

15:1

Dessiné

09.12.2022

C.Bidault

Contrôlé

N° dessin

Révision

90629-AS

P2