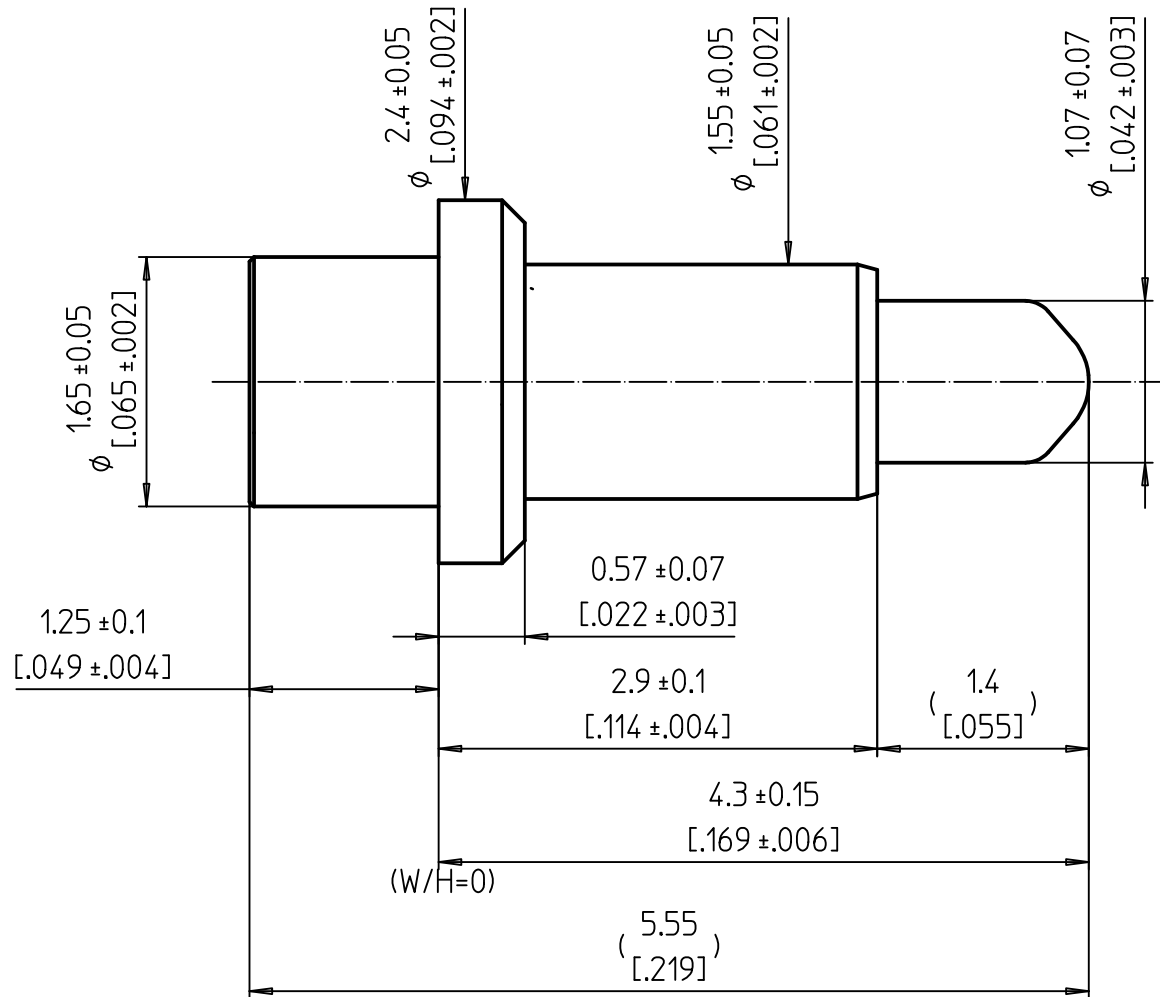
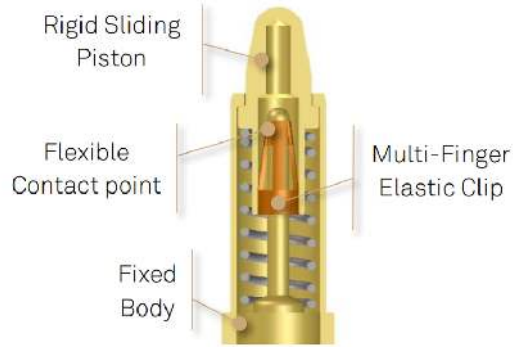


Spring Loaded Contacts
With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom (nominal height)

Theoretical stroke: S= 0.91 mm [.035"]

Spring forces (F):

Finit= 0.5 N *

F1= 0.60 N at H1= 4.15 mm [.163"]

Fnom= 0.95±0.28 N at Hnom= 3.60 mm [.142"]

F2= 1.30 N at H2= 3.05 mm [.120"]

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 : 2.60 mm [.102"]

Recommended Mounting Hole 1.78 mm [.07"]

PCB Hole and Pad size recommendation may vary regarding your process

Solderability J-STD-002A. Test A 245°C, 5s, solder alloy SnAg3.8Cu0.7

Resistance to soldering heat J-STD-020C, 260°C, 20S

High Reliability
Spring Loaded Contact



preci-dip
swiss world connect



Remplace:

Remplacé par:

20:1

Dessiné

15.12.2022

C.Bidault

Contrôlé

N° dessin

Révision

90708-AS