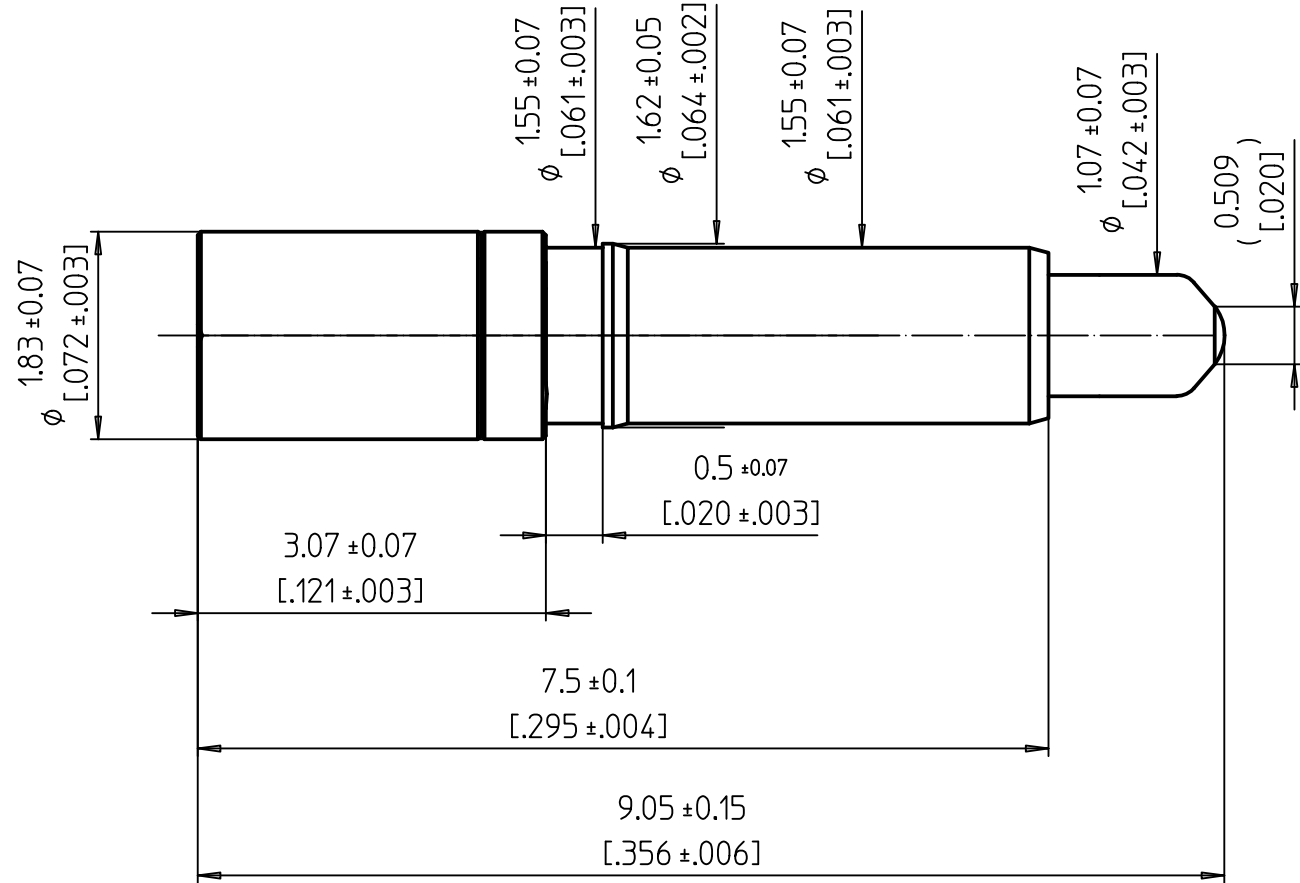
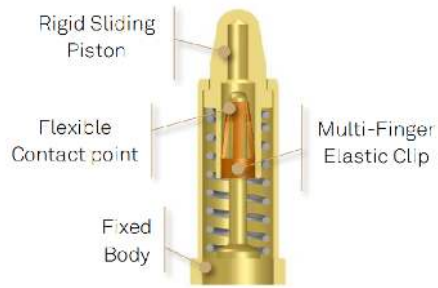


Spring Loaded Contacts
With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom (nominal height)
Working stroke between H1 and H2: S= 1.2 mm [L.047']
Spring forces (F):
Finit= 0.5 N at Hinit= 9.05 mm [L.356']
F1= 0.57 N at H1= 8.85 mm [L.348']
Fnom= 0.82±0.15 N at Hnom= 8.25 mm [L.324']
F2= 1.0 N at H2= 7.65 mm [L.301']
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

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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 [L.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[L.062']

High Reliability
Spring Loaded Contact



90647-AS//0907-5-CLIP

Remplacé par:

15:1

Dessiné

10.11.2020

C.Bidault

Contrôlé

N° dessin

Révision

0907-5-CLIP

P2