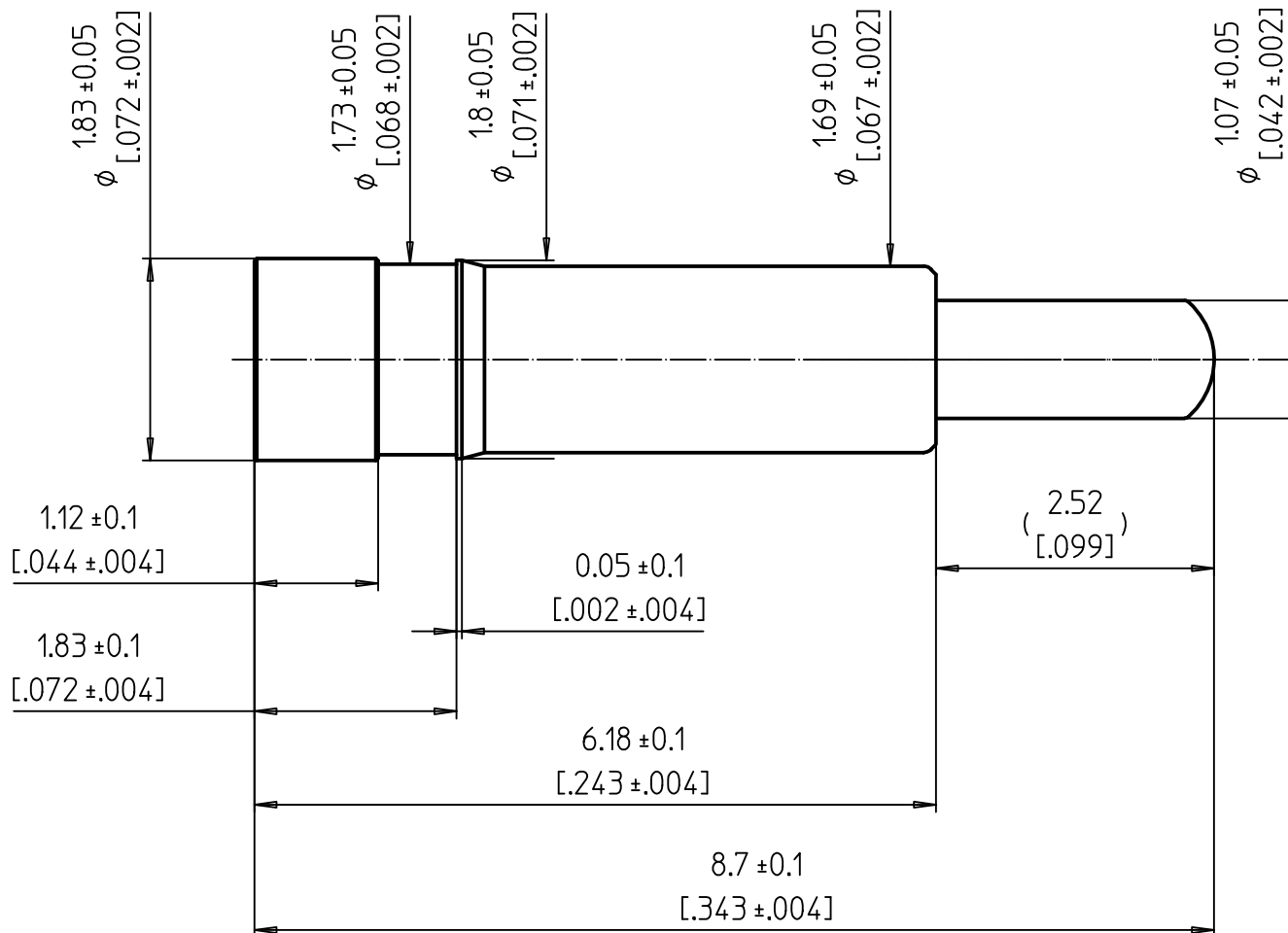
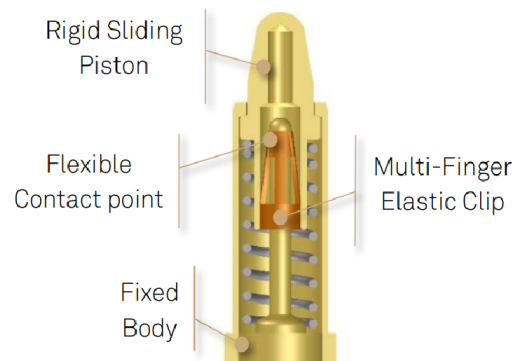


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom
Theoretical stroke: S= 2.00 mm [.078"]
Spring forces (F):
Finit= 1.0 N *
F1= 1.1 N at H1= 8.50 mm [.334"]
Fnom= 1.70 N at Hnom= 7.60 mm [.30"]
F2= 2.1 N at H2= 6.70 mm [.26"]
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

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

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

High Reliability
Spring Loaded Contact



preci-dip
swiss world connect



Remplace:

Remplacé par:

20:1

Dessiné

18.10.2022

C.Bidault

Contrôlé

N° dessin

Révision

90736-AS

R1