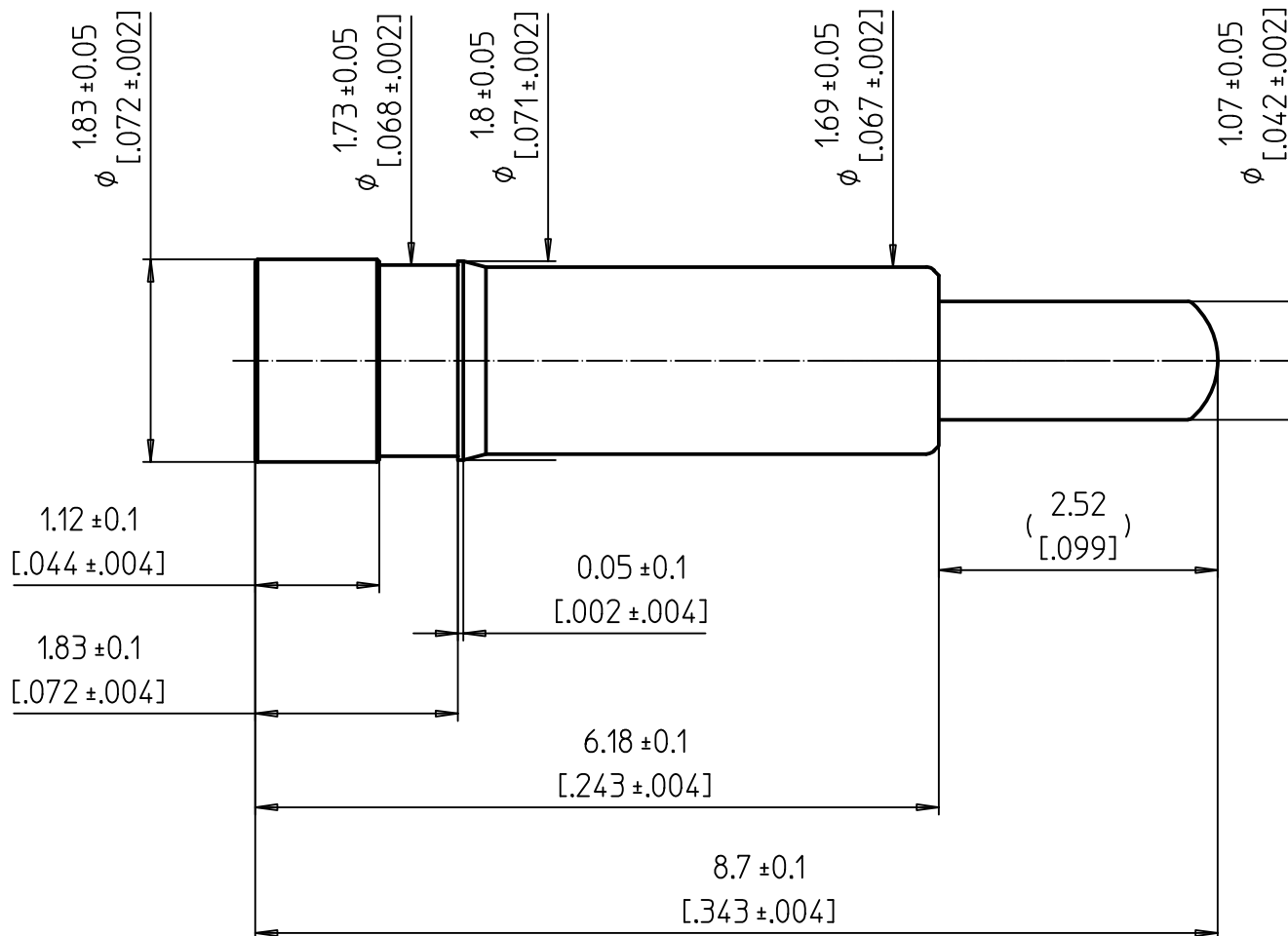
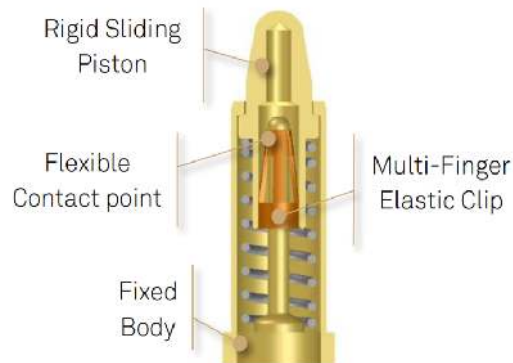


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



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

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MATERIALS / PLATINGS:

Contact interfaces plated with 0.5 μ m [20 μ] 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



Remplace:		
Remplacé par:		
20:1	Dessiné	18.10.2022
	Contrôlé	C.Bidault
N° dessin		Révision
90736-AS		R1