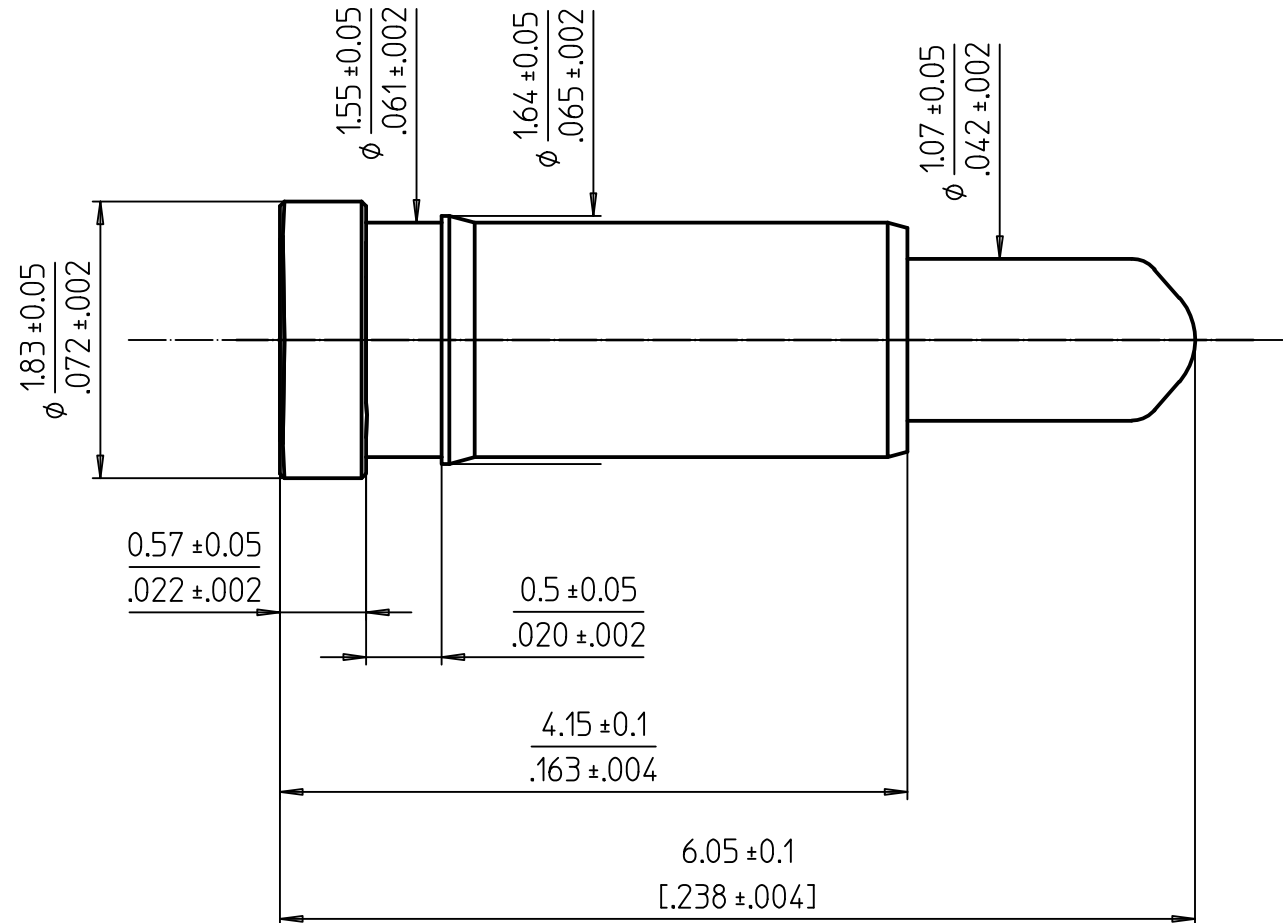
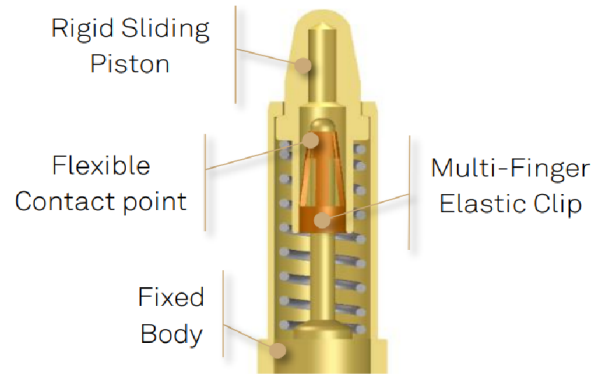


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom
Working stroke between H1 and H2 : S=1.20 mm [.047"]
Spring forces (F):
Finit= 0.50N at Hinit= 6.05 mm [.238"]
F1= 0.57N at H1= 5.80 mm [.228"]
Fnom= 0.82N at Hnom= 5.2 mm [.204"]
F2= 1.0N at H2= 4.60 mm [.181"]
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 : 2.0 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

INSULATOR :

If assembling pin into moulding :
Recommended hole size : Ø1.58[.062"]

Series 0900-CLIP
High Reliability
Spring Loaded Contact



preci-dip
swiss world connect



90641-AS // 0900-4-CLIP

Remplacé par :

Dessiné	C.BIDAULT	13.12.2021
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Contrôlé		
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N° dessin	Révision
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0900-4-CLIP

P2