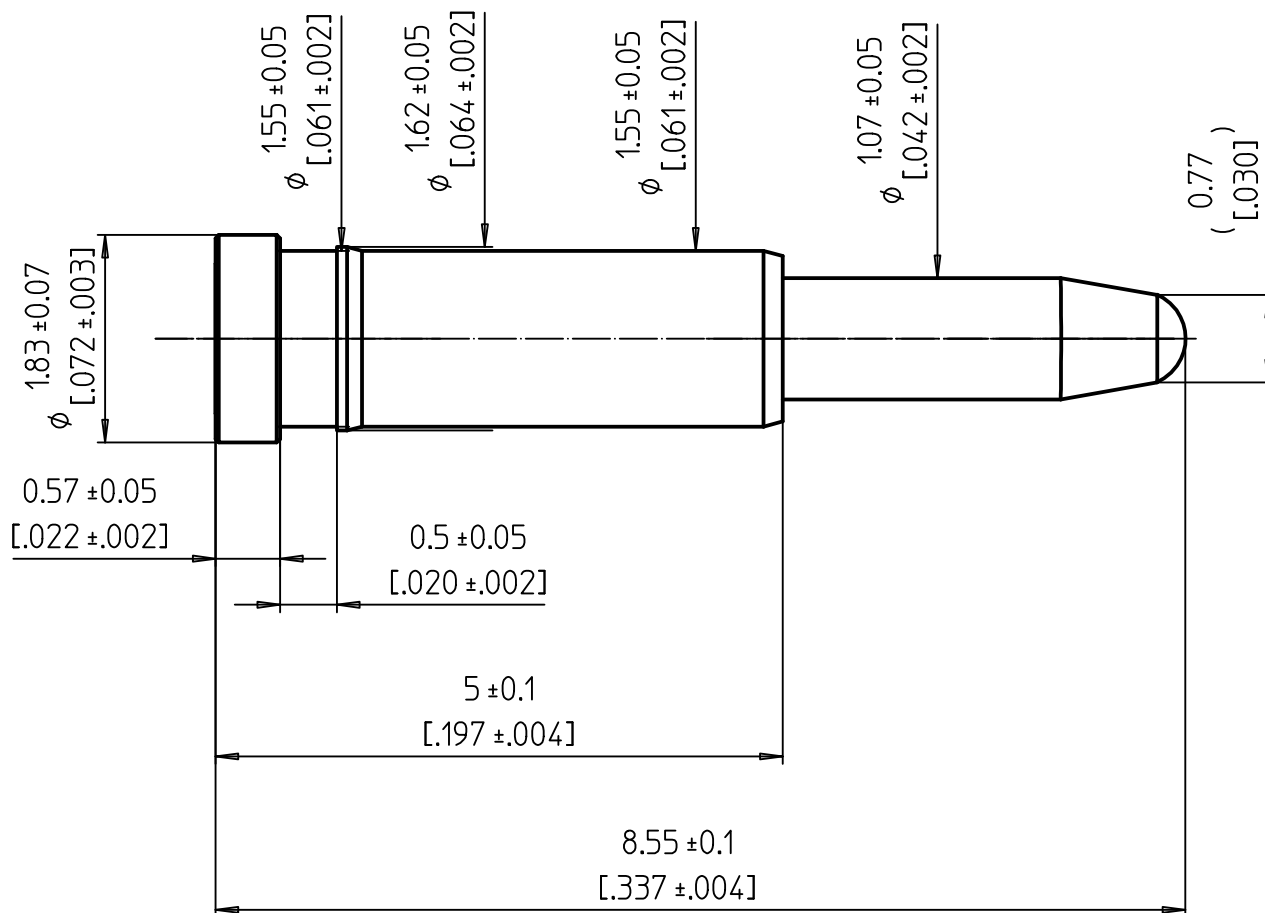
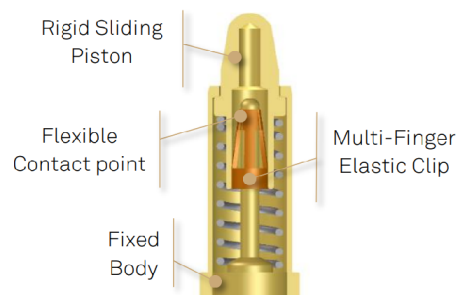


Spring Loaded Contacts  
With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles  
Working stroke between H1 and H2 : S= 1.4 mm [0.055']  
Spring forces (F):

Finit= 0.50 N at Hinit= 8.55 mm [336']  
F1= 0.57 N at H1= 8.35 mm [328']  
Fnom= 0.82±0.15 N at Hnom= 7.65 mm [301']  
F2= 1.0 N at H2= 6.95 mm [276']  
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 [0.078']  
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 :  $\phi 1.58 [0.062']$

Series 0900-CLIP  
High Reliability  
Spring Loaded Contact



**preci-dip**  
swiss world connects



25:1

0907-4-CLIP //90646-AS

Remplacé par:

Dessiné	24.09.2020	C.Bidault
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Contrôlé		
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N° dessin	Révision
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0907-4-CLIP

P1