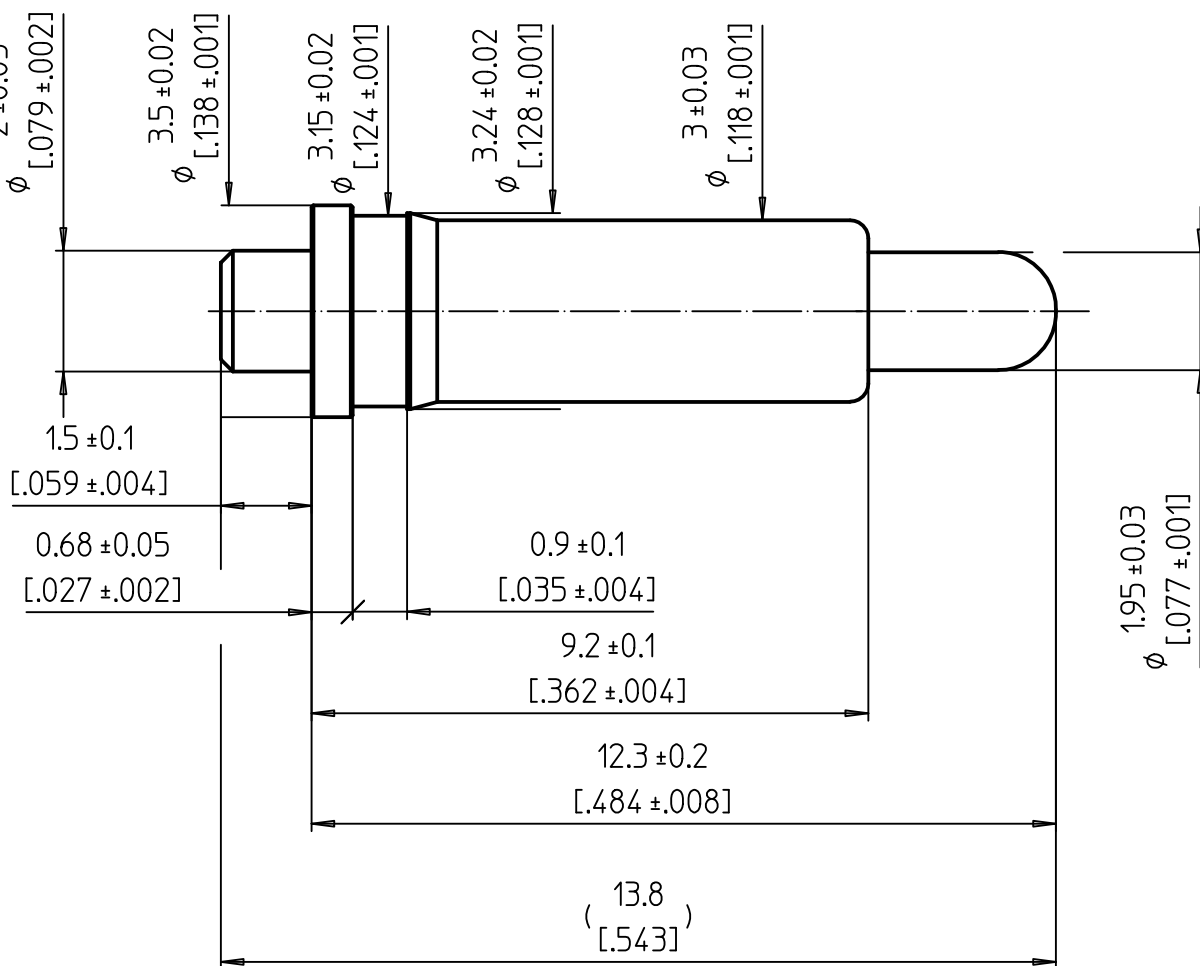
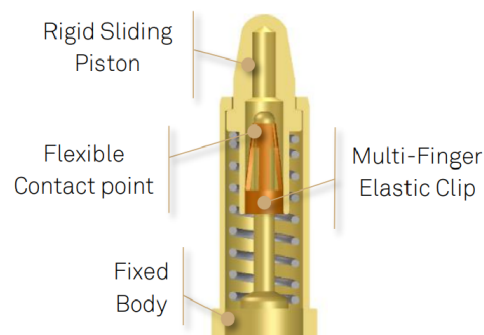


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles at Hnom
Working stroke between H1 and H2 : 2.15 mm [0.084']
Spring forces (F):
Finit= 2.1 N *
F1= 2.25 N at H1= 12.10 mm [0.476']
Fnom= 2.88±0.65 N at Hnom= 11.30 mm [0.444']
F2= 3.91 N at H2= 9.95 mm [0.391']

ELECTRICAL REQUIREMENTS:

Contact resistance:
R= 30 mOhms max in static mode at Hnom
Current per individual contact in free air at ambient temperature:
ICont= 12 A at Hnom with temperature raise max 30°C

ENVIRONMENTAL REQUIREMENTS:

Operating temperature: -40 °C / +125 °C

MATERIALS / PLATINGS:

Contact interfaces plated with 0.4 µm [20µ'] gold over Nickel
Spring: Stainless steel
Clip : Beryllium Copper

SOLDERING :

Recommended PCB pad size : 3.7 mm [0.145']
Recommended Mounting Hole 2.2 mm [0.086']
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 : Ø3.2 mm [0.126']

High Reliability
Spring Loaded Contact



preci-dip
swiss world connect



Remplace:

Remplacé par:

10:1

Dessiné

16.12.2022

C.Bidault

Contrôlé

N° dessin

Révision

90738-AS