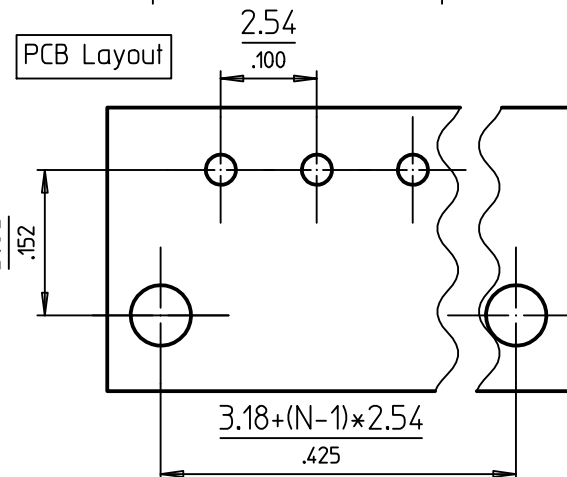
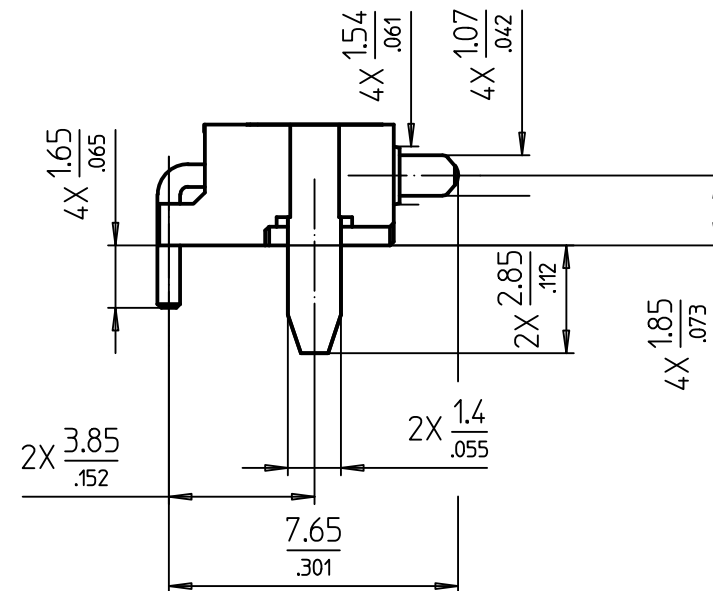
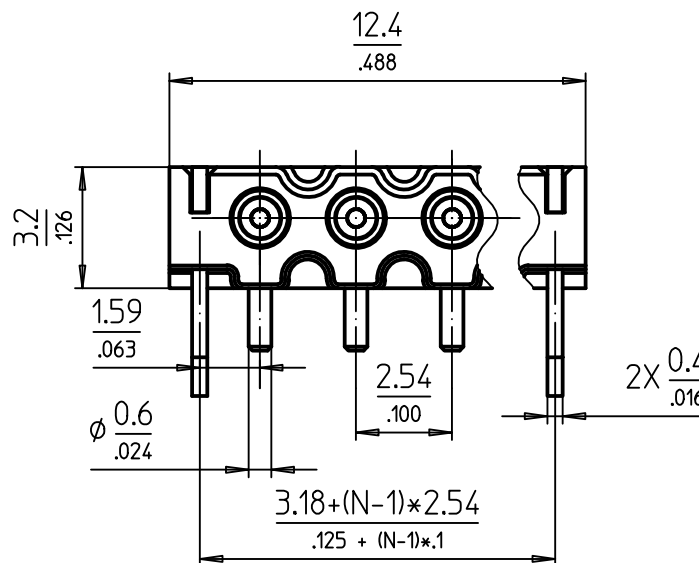
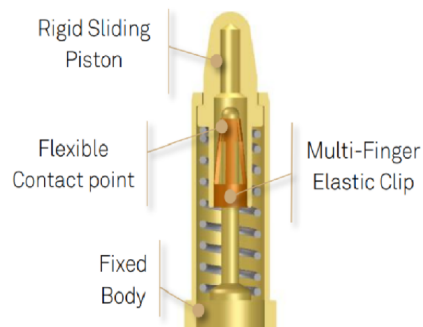


Spring Loaded Contacts With PRECI-DIP Integrated CLIP



NOTES:

MECHANICAL REQUIREMENTS:

Durability: 20'000 cycles

Theoretical stroke: S= 1.45 mm (.057")

Spring forces (F):

F_{init}= 0.45 N at H_{init}= 7.65 mm (.301")

F₁= 0.50 N at H₁= 7.45 mm (.293")*

F_{nom}= 0.73±0.15 N at H_{nom}= 6.85 mm(.269")

F₂= 0.95 N at H₂= 6.25 mm(.246")

Recommended working range: between H₁ and H₂

Forces are measured in mean value of compression / decompression

* Theoretical values of spring design

NNN number of poles.

Available from 2 to 7 Poles.

Replace NN with the requested number of poles

ELECTRICAL REQUIREMENTS:

Contact resistance:

R= 30 mOhms max in static mode at H_{nom}

Current per individual contact in free air at ambient temperature:

I_{cont}= 5 A at H_{nom} 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:

Barrel: CuZn36Pb3 - min 0.125 µm Au / 2.5 µm Ni

Rod: CuSn4Pb4Zn4 - 0.5µm Au / 2.5 µm Ni

Piston: CuZn36Pb3 - 0.5 µm Au / 2.5 µm Ni

Spring: Stainless steel DIN 17224

Clip: BeCu C17200 - 0.5 µm Au / 2.5 µm Ni

Stamped leg : TBD

Insulator : PA91-GF30-Fr Noir

Right Angle Spring Loaded Connector
With PRECI-DIP Integrated Clip Design



preci-dip
swiss world connects



Remplace:

Remplacé par:

5:1

Dessiné

07.11.2023

C.Bidault

Contrôlé

N° dessin

Révision

811-SS-NNN-20-679101