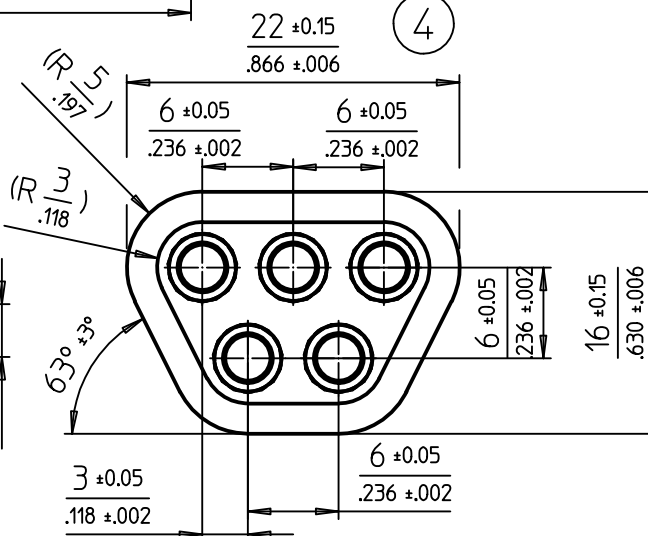
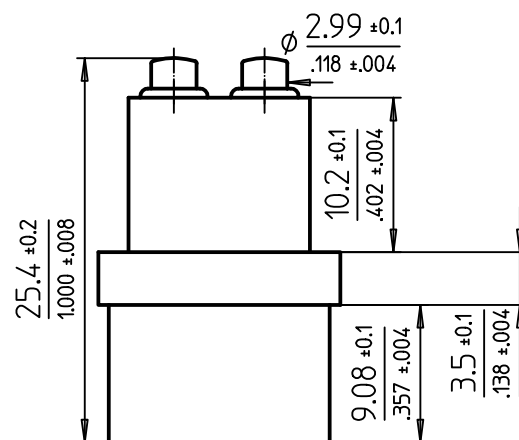
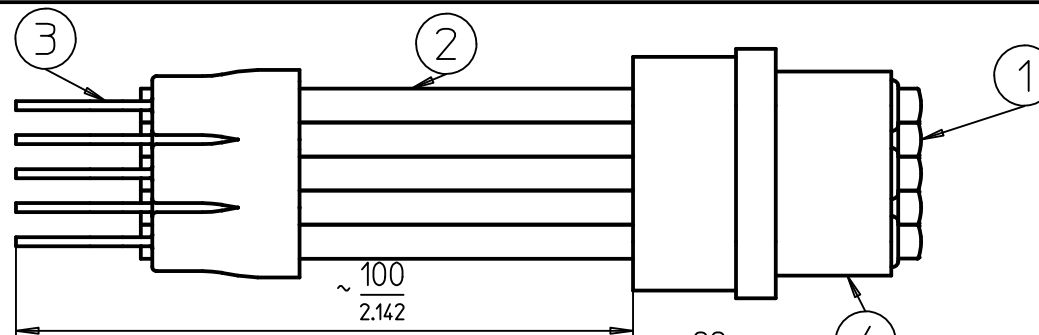
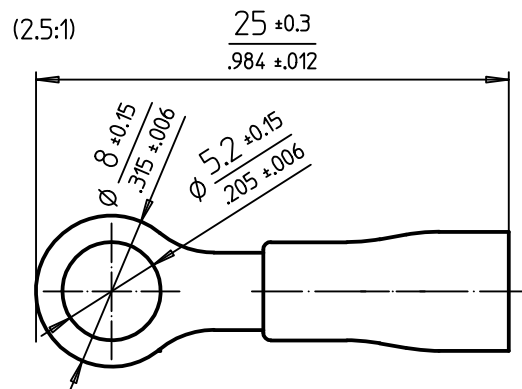




Notes:

MECHANICAL REQUIREMENTS:

Durability: 20000 cycles at H_{nom} (nominal height) (To be validated)

Theoretical stroke: S= 1.90 mm

Spring forces (F):

F_{init}= 4 N *

F₁= 5.98 N at H₁= 25.20 mm *

F_{nom}= 7.1±1.5 N at H_{nom}= 24.00 mm

F₂= 8.2 N at H₂= 23.50 mm *

Recommended working range: between H₁ and H₂

Forces are measured in mean value of compression / decompression

* Theoretical values of spring design

ELECTRICAL REQUIREMENTS:

Contact resistance:

R= 25 mOhms max in static mode at H_{nom}

Current per individual contact in free air at ambient temperature:

I_{Cont}= 20 A at H_{nom} with temperature raise max 30°C per contacts

ENVIRONMENTAL REQUIREMENTS:

Operating temperature: -40 °C / +85 °C

MATERIALS / PLATINGS:

Barrel: CuZn39Pb3 - 2.5 µm Ni

Piston: CuZn39Pb3 - min 0.3 µm Au / 2.5 µm Ni

Spring: Stainless steel

Cap: CuZn39Pb3 - 0.5 µm Sn / 2.5 µm Ni

Clip: CuBe2 - 0.75 µm Au / 2.5 µm Ni

4	Insulator + Potting	1	PA9T GF30
3	Ring Contact	5	See Notes
2	Wire AWG 14	5	See Notes
1	90855-AS Spring Loaded Contact With Clip	5	See Notes
Pos.	Désignation	Qté	Matière - Protection
P23.15.04		 Remplace: Remplacé par:	
Pre-Built Connector		3:1	Dessiné 17.07.2025 C.Bidault
			Contrôlé
 precipip swiss world connect		N° dessin Révision	
		8P0-28-0005-02-690 P1	