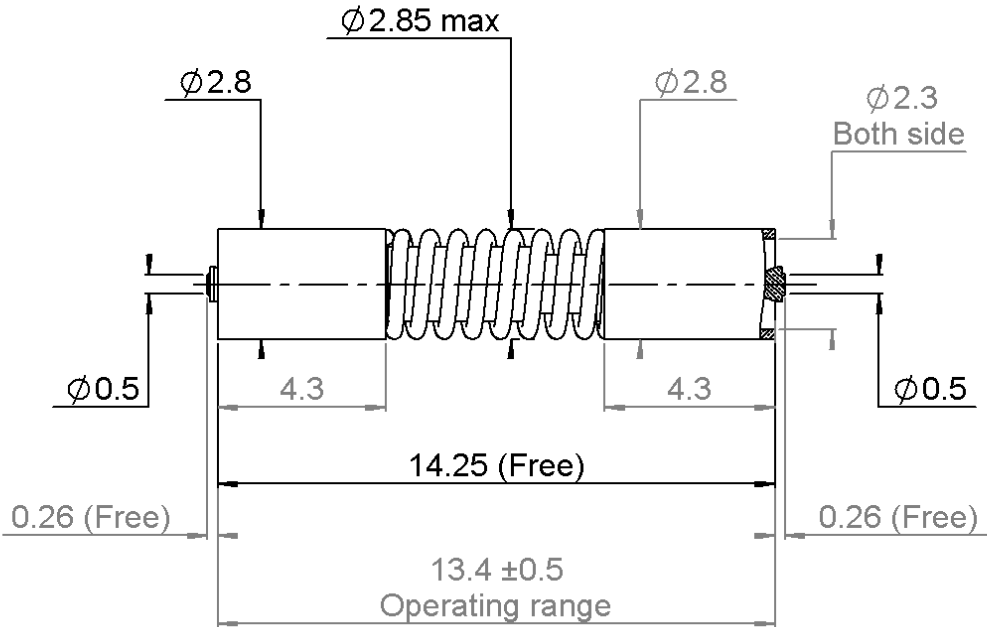
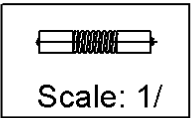
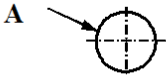


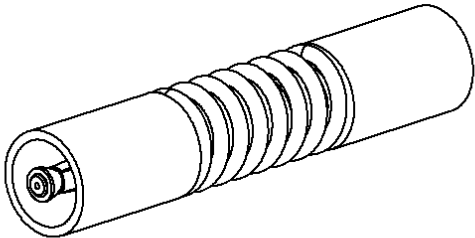
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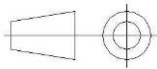
PANEL CUT OUT



	mm	
	Maxi	mini
A	2.93	2.91



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	BERYLLIUM COPPER	GOLD 3 OVER NICKEL 2
Center contact	BERYLLIUM COPPER	GOLD 3 OVER NICKEL 2
Outer contact		
Insulator	PEEK	
Gasket		
Others parts	STEEL	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

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SERIES IMP

PART NUMBER R107064944

PACKAGING

Standard	Unit	Other
20	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-20	GHz
VSWR	1.4 * + 0,0000	x F(GHz) Maxi
Insertion loss	0.15	√F(GHz) dB Maxi
RF leakage	- (TBD	- F(GHz)) dB Maxi
Voltage rating	225	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	1000	MΩ mini

ENVIRONMENTAL

Operating temperature	-55/+125	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini

SPECIFICATION

OTHER CHARACTERISTICS

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	50	Cycles mini
Nominal Weight	0,3200	g
(Add +15% for max weight)		

Assembly instruction:

Others:

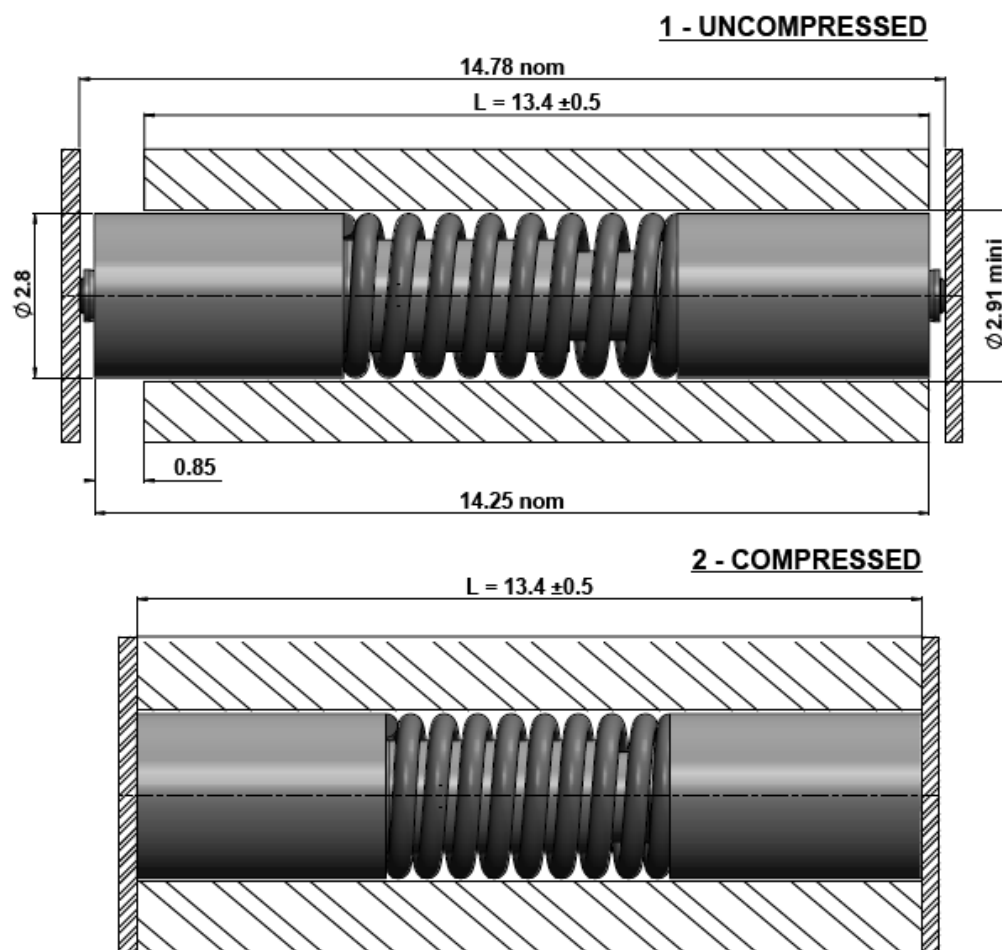
* PCB foot print and connector are aligned. Operating compression range 12.9 to 13.9 mm

Minimum compression

Overall length: L = 13.9 Maxi
Load = 4.5 N min

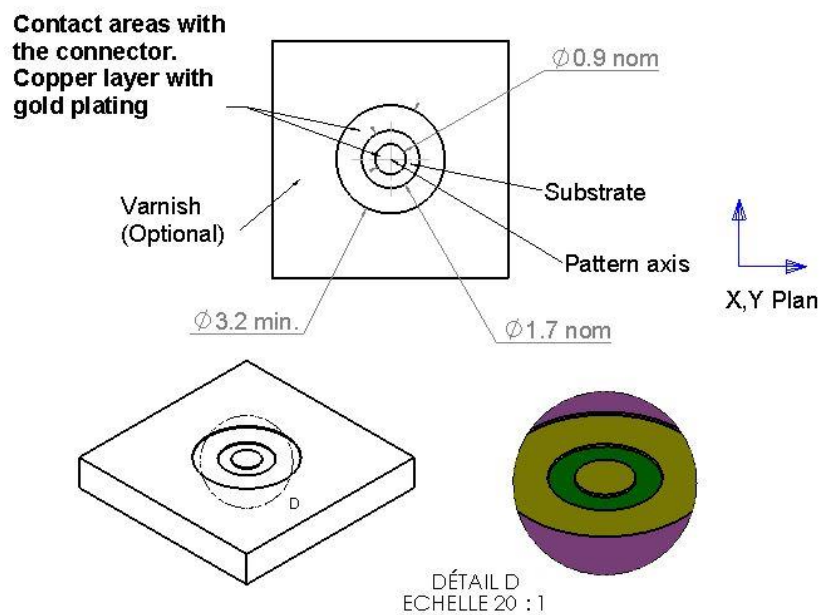
Maximum Compression

Overall length: L = 12.9 mini
Load = 11 N Max



PCB layouts

Dimensions are given for information



The misalignment between the connector axis and the PCB can't exceed a coaxiality default of 0.3 mm (X,Y plan)