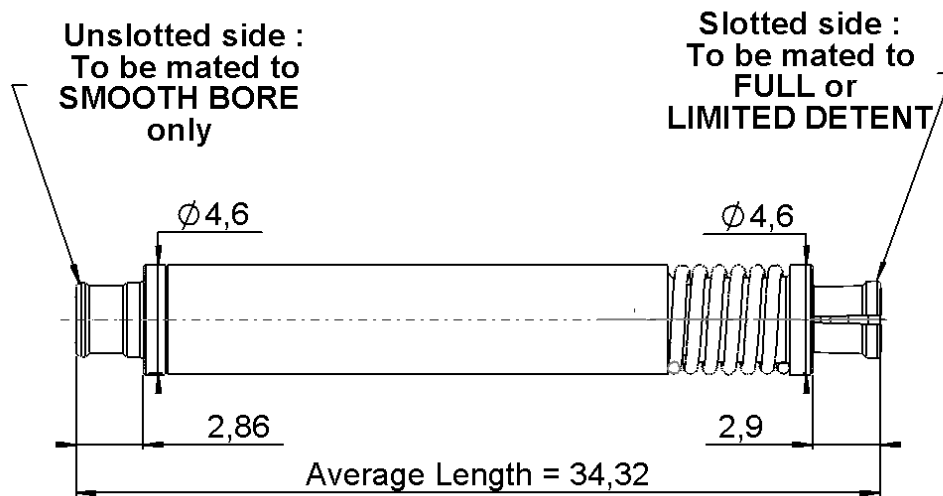


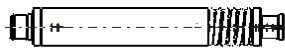
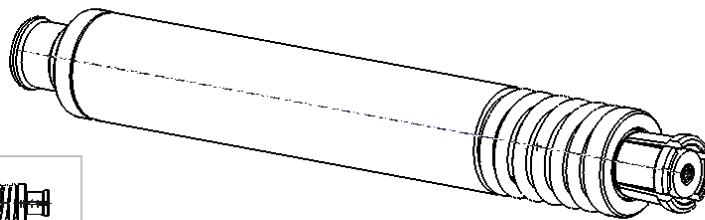
FEMALE FEMALE ADAPTOR
SPRING LOADED
R222.723.100

Series : SMP



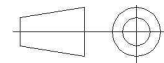
1 - Pre-load - No compression
Overall length L = 34.95 mm
Pre-load = 9 N mini

2 - Maximum Compression = 1.27 mm
Overall length L = 33.68 mm
Load F = 13.6 N max



SCALE 1:1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRONZE	NPGR
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
OUTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
INSULATOR	PTFE + PEI	
GASKET	-	PASSIVATED
SPRING	-	-
-	-	-
-	-	-

Issue : 1206 C

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIAL

FEMALE FEMALE ADAPTOR**SPRING LOADED****R222.723.100**

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.35* + 0,0000	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	NA	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+85	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHER CHARACTERISTICS

Assembly instruction

Others :

* VSWR : 1.2 Max at 12GHz

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	6.8 N mini
Axial force – Opposite end	6.8 N mini
Torque	NA N.cm mini

Recommended torque

Mating	NA N.cm
Panel nut	NA N.cm

Mating life	1000 Cycles mini
Weight	2,5700 g

Issue : 1206 C

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