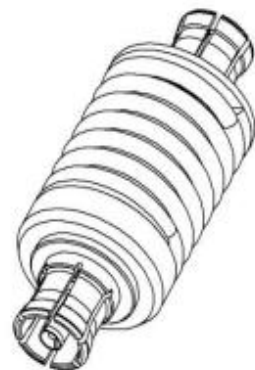
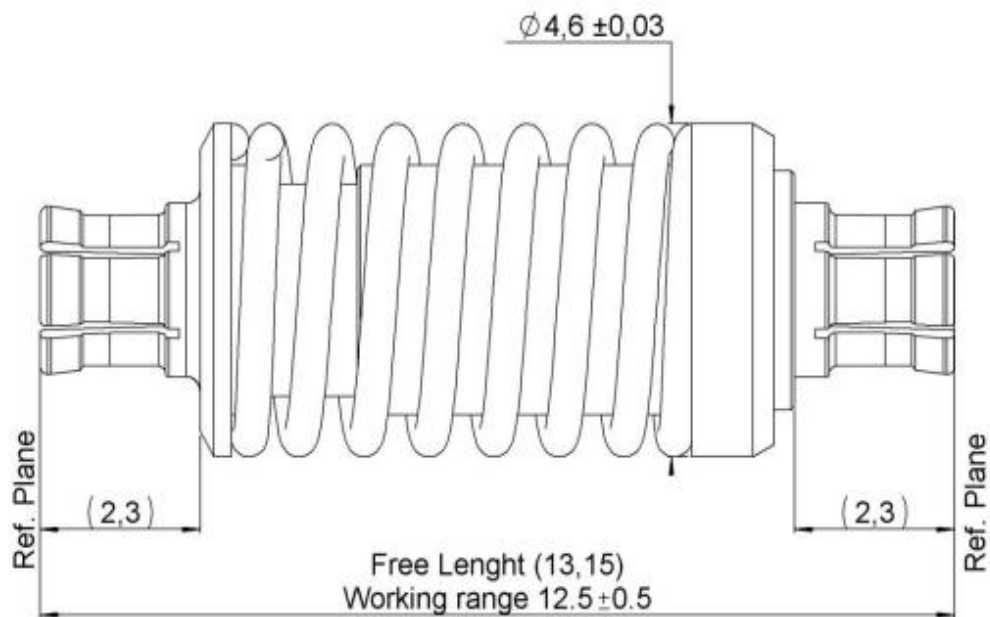


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All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μm)
Body	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Center contact	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Outer contact	BERYLLIUM COPPER	-
Insulator	PEEK	-
Gasket	-	-
Others parts	BRONZE	NPGR
Compression spring	STAINLESS STEEL	-
-	-	-

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SERIES **SMPM-S**

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PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-40	GHz
VSWR	*	x F(GHz) Maxi
Insertion loss	*0.02+0.12	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (** 80)	- F(GHz)) dB Maxi
Voltage rating	125	Vrms Maxi
Dielectric withstanding voltage	250	Vrms mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+125	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	6.7	N mini
Axial force – Opposite end	6.7	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	50	Cycles Maxi
Weight	0.82	g Maxi

SPECIFICATION

RAD-GEN-CONN-003
RAD-DET-CONN-029
11055531/521

OTHER CHARACTERISTICS

Assembly instruction:
Blind Assembly only on smooth bore interface

Others:
***VSWR and insertion loss characterized from 0 up to 40 GHz**
*** 1.30 max up to 40GHz**
****-.80dB up to 3GHz**

CUSTOMER'S APPROVAL

Department or
company's stamp

Name :

Date :

Copy to send back to
RADIAL S.A. BEFORE :

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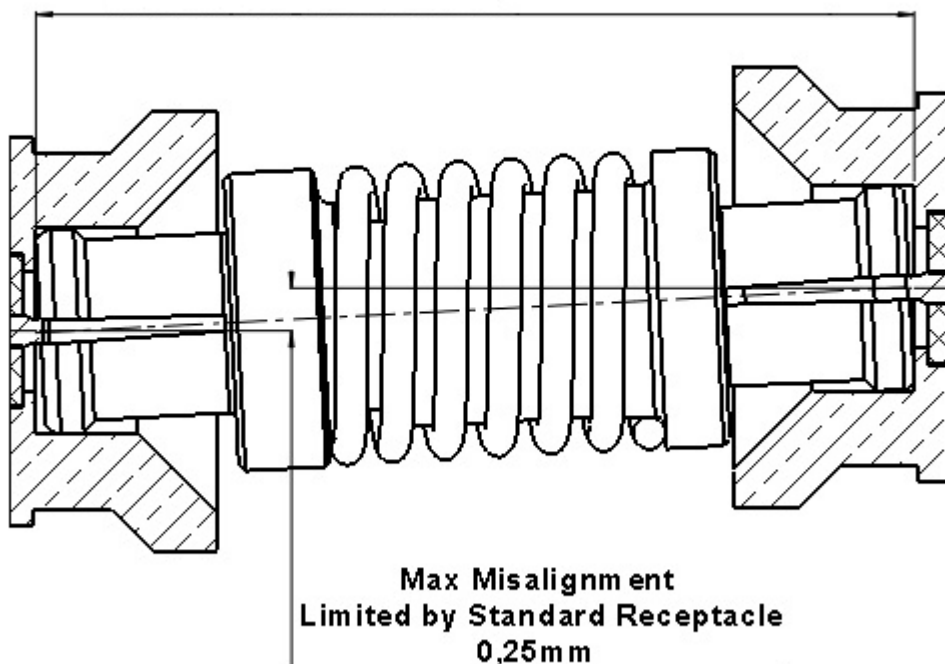
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**RECEPTACLE REF PLANE -TO RECEPTACLE REF
PLANE DISTANCE**

(12.5 +/- 0.5)



1- Minimum Compression

Overall Length : 13.2 Mini

Load : 7N min

2- Maximum Compression

Overall Length : 11.8 Maxi

Load : 13 N Maxi

Maximum Compression Spring = 1.3 mm