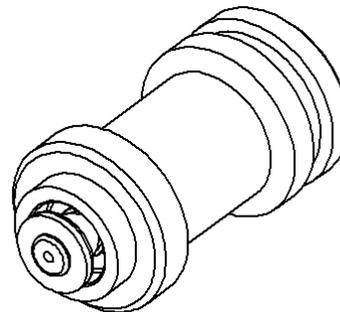
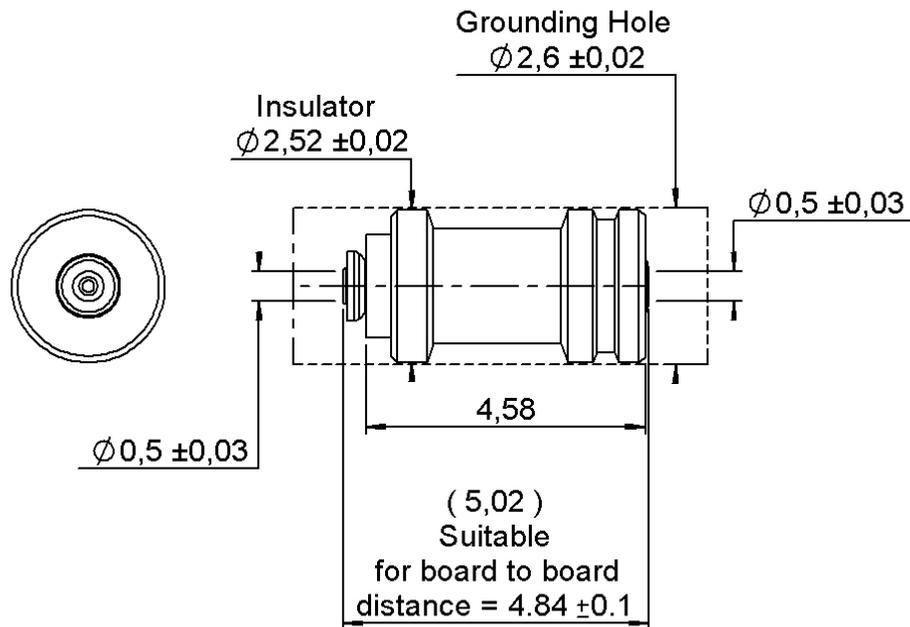
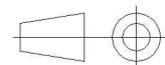


PAGE 1/3	ISSUE <b>31-07-23B</b>	SERIES <b>IMP SR</b>	PART NUMBER <b>R107825000</b>
----------	---------------------------	----------------------	-------------------------------



  
scale 1/1

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



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
Body	<b>BERYLLIUM COPPER - BRONZE</b>	<b>NPGR</b>
Center contact		
Outer contact		
Insulator	<b>PTFE</b>	-
Gasket	-	-
Others parts	-	-
-	-	-
-	-	-

PAGE 2/3	ISSUE <b>31-07-23B</b>	SERIES <b>IMP SR</b>	PART NUMBER <b>R107825000</b>
----------	---------------------------	----------------------	-------------------------------

**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>Contact us</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b>	Ω	
Frequency		<b>0-67</b>	GHz	
VSWR	* +	<b>0,000</b>	x F(GHz) Maxi	
Insertion loss		<b>0.1**</b>	√F(GHz) dB Maxi	
RF leakage	- (		- F(GHz) dB Maxi	
Voltage rating		<b>225</b>	Veff Maxi	
Dielectric withstanding voltage		<b>500</b>	Veff mini	
Insulation resistance		<b>1000</b>	MΩ mini	

**MECHANICAL CHARACTERISTICS**

Center contact retention				
Axial force – Mating End		<b>0.5</b>	N mini	
Axial force – Opposite end		<b>0.5</b>	N mini	
Torque			N.cm mini	
Recommended torque				
Mating			N.cm	
Panel nut			N.cm	
Mating life		<b>50</b>	Cycles mini	
Nominal Weight (Add +15% for max weight)		<b>0,040</b>	g	

**ENVIRONMENTAL**

Operating temperature	<b>-55/+165</b>	°C
Hermetic seal		Atm.cm3/s
Panel leakage		

**SPECIFICATION**

**OTHER CHARACTERISTICS**

Assembly instruction:

Others:

**\*Depend on PCB-Coax line only**

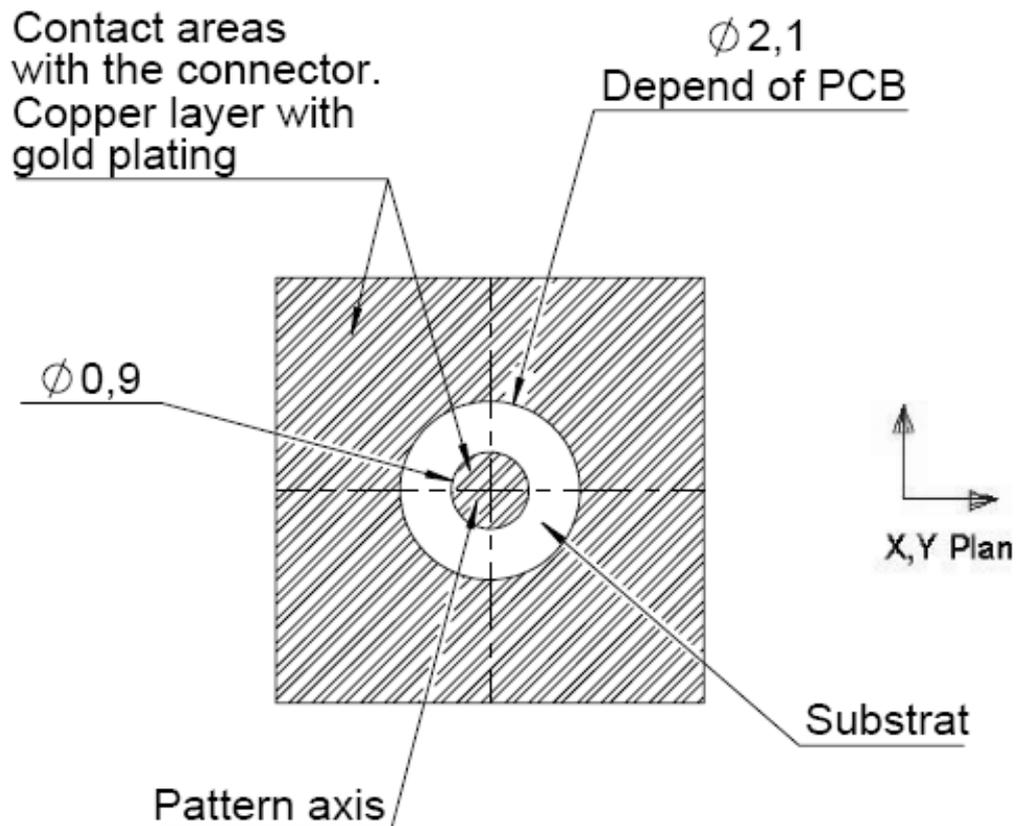
**\*Typical VSWR=1.2:DC->40Ghz and 1.5:40->67Ghz**

**\*\* at 20Ghz**

PAGE 3/3	ISSUE 31-07-23B	SERIES IMP SR	PART NUMBER R107825000
----------	--------------------	---------------	------------------------

### PCB Layouts

Dimension are given for information



**The misalignment between the connector axis and the PCB can't exceed a coaxiality default of 0.25 mm (X,Y plan)**