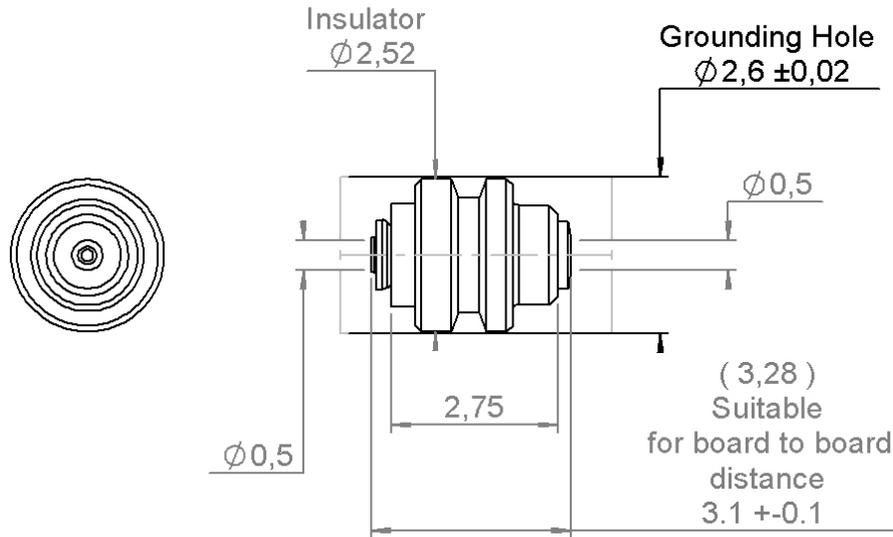
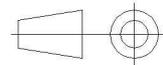


PAGE 1/3	ISSUE 25-03-24C	SERIES IMP SR	PART NUMBER R107825020
----------	---------------------------	----------------------	-------------------------------



 -
scale 1/1

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



COMPONENTS	MATERIALS	PLATING (μm)
Body	BERYLLIUM COPPER - BRONZE	NPGR
Center contact		
Outer contact		
Insulator	PTFE	
Gasket		
Others parts		
-	-	-
-	-	-

PAGE 2/3	ISSUE 25-03-24C	SERIES IMP SR	PART NUMBER R107825020
----------	---------------------------	----------------------	-------------------------------

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω	
Frequency	0-40	GHz	
VSWR	* + 0,000	x F(GHz) Maxi	
Insertion loss	-0.035**	√F(GHz) dB Maxi	
RF leakage	- (- F(GHz) dB Maxi	
Voltage rating	225	Veff Maxi	
Dielectric withstanding voltage	500	Veff mini	
Insulation resistance	1000	MΩ mini	

MECHANICAL CHARACTERISTICS

<u>Center contact retention</u>			
Axial force – Mating End	0.25	N mini	
Axial force – Opposite end	0.25	N mini	
Torque		N.cm mini	
<u>Recommended torque</u>			
Mating		N.cm	
Panel nut		N.cm	
Mating life	50	Cycles mini	
Nominal Weight (Add +15% for max weight)	0,02	g	

ENVIRONMENTAL

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

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

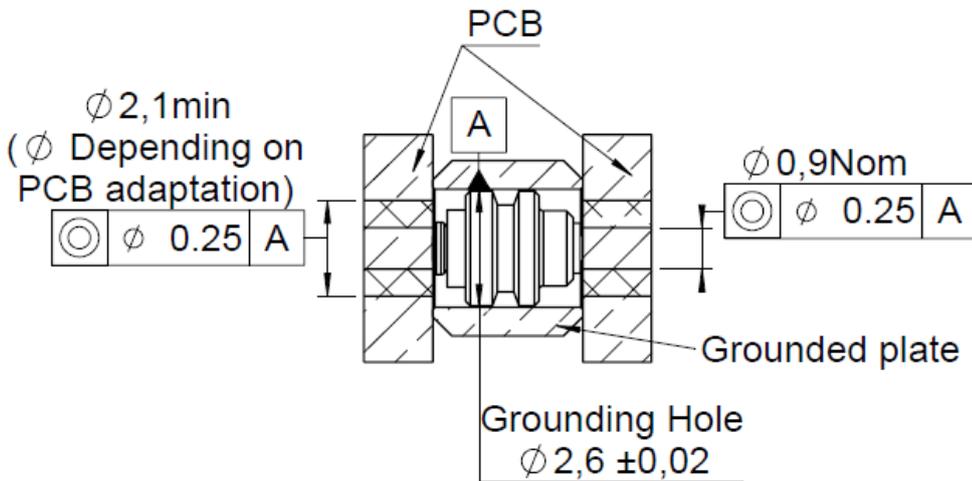
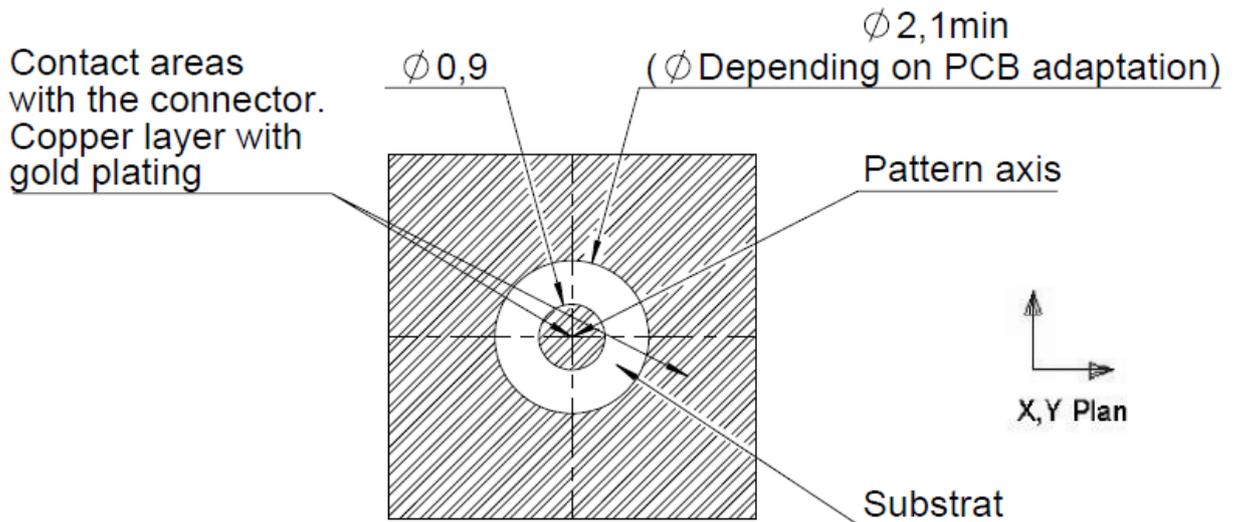
Others:

*** VSWR:1,20 Typical DC-40GHz Coaxial Line Only
Value gated with coaxial measurement Tool in nominal position**

**** Value for connector only estimated from measurement:
Insertion Loss with coaxial measurement tool in nominal position -0.02-0.11√F(GHz) dB Maxi**

PAGE 3/3	ISSUE 25-03-24C	SERIES IMP SR	PART NUMBER R107825020
----------	--------------------	---------------	------------------------

IMP SR Integration
Dimension are given for information



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