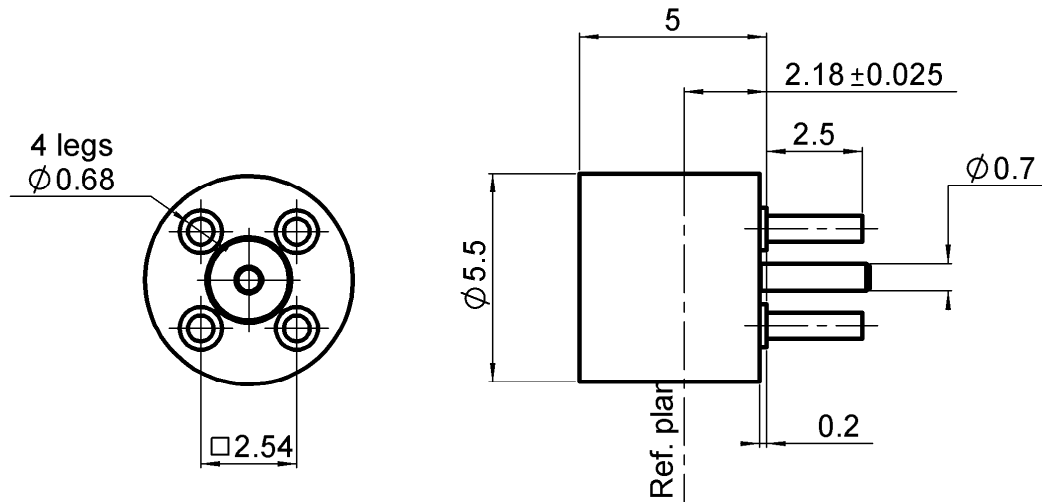


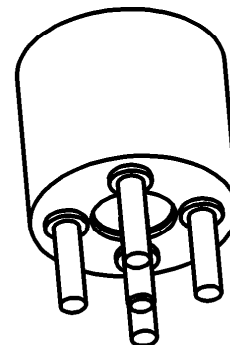
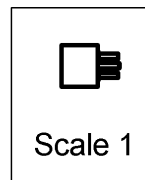
MALE STRAIGHT RECEPTACLE FOR PCB
SOLDER LEGS - SMOOTH BORE

R222.426.700

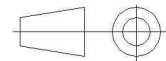
Series : SMP



PANEL CUT OUT			
A DIA			
B DIA			
4 holes			
	mm		
	Maxi	mini	
A	0.86	0.79	
B	0.98	0.94	
C	2.59	2.49	



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 0949 B

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



MALE STRAIGHT RECEPTACLE FOR PCB**R222.426.700****SOLDER LEGS - SMOOTH BORE**

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-12	GHz
VSWR	1.15* + 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/+165	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICS

Assembly instruction

Others :

*Coaxial Transmission Line Only

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	6.8	N mini
Axial force – Opposite end	NA	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Mating life	1000	Cycles mini
Weight	0,7100	g

Issue : 0949 B

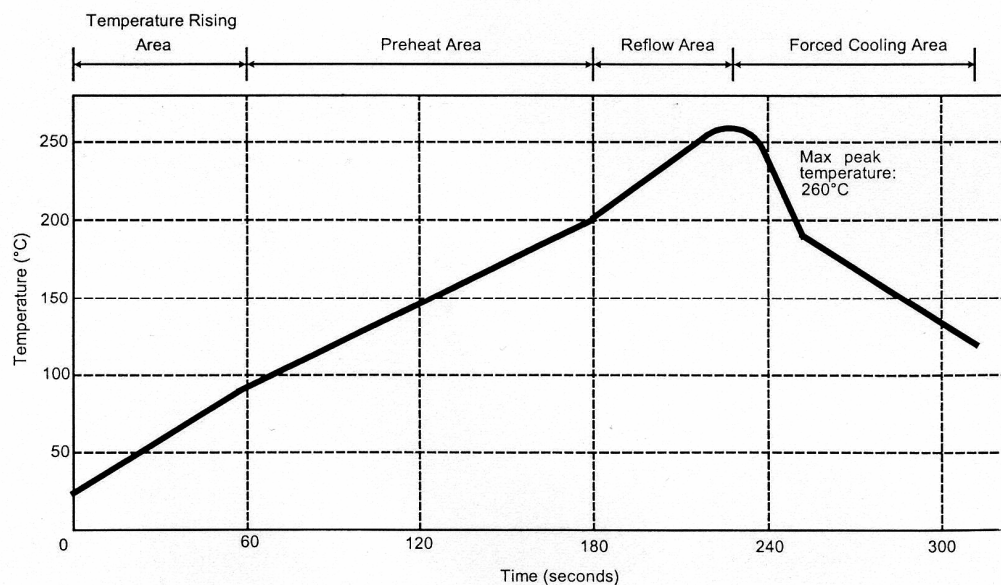
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MALE STRAIGHT RECEPTACLE FOR PCB**R222.426.700****SOLDER LEGS - SMOOTH BORE**

Series : SMP

1. Deposition of solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.
2. Place the receptacle on the mounting zone
3. Solder
4. Clean the printed circuit boards.
5. Check the solder joints and position of the component by visual inspection.

TEMPERATURE PROFILE

Parameter	Value	Unit
Temperature rising Area	1 - 4	°C/sec
Max Peak Temperature	260	°C
Max dwell time @260°C	10	sec
Min dwell time @235°C	20	sec
Max dwell time @235°C	60	sec
Temperature drop in cooling Area	-1 to -4	°C/sec
Max dwell time above 100°C	420	sec

Issue : 0949 B

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