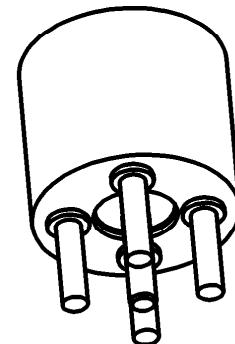
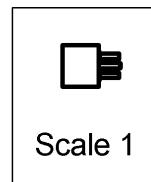
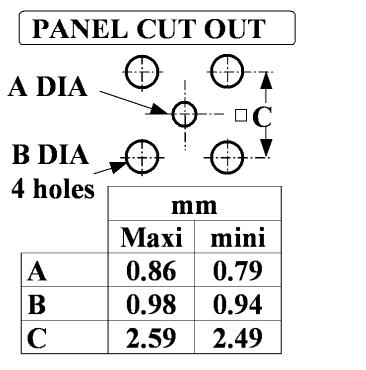
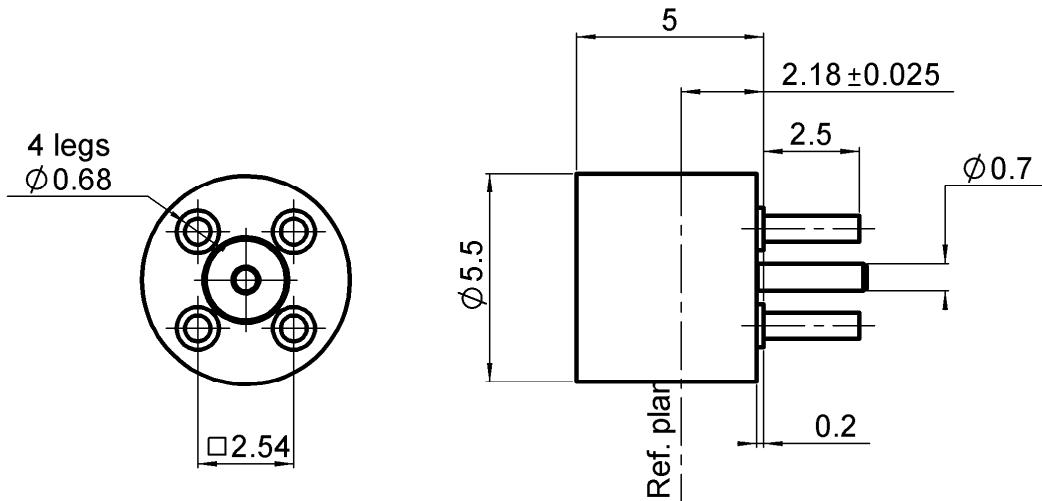


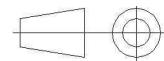
**MALE STRAIGHT RECEPTACLE FOR PCB**  
**SOLDER LEGS - SMOOTH BORE**

**R222.426.700**

Series : SMP



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

## SOLDER LEGS - SMOOTH BORE

**R222.426.700**

Series : SMP

PACKAGING

Standard	Unit	Other
<b>100</b>	'W' option	Contact us

SPECIFICATIONELECTRICAL CHARACTERISTICS

Impedance	<b>50</b> $\Omega$
Frequency	<b>0-12</b> GHz
VSWR	<b>1.15*</b> + <b>0,0000</b> x F(GHz) Maxi
Insertion loss	<b>0.12*</b> $\sqrt{F(\text{GHz})}$ dB Maxi
RF leakage	- ( <b>NA</b> - F(GHz)) dB Maxi
Voltage rating	<b>335</b> Veff Maxi
Dielectric withstanding voltage	<b>500</b> Veff mini
Insulation resistance	<b>5000</b> M $\Omega$ mini

ENVIRONMENTAL

Operating temperature	<b>-65/+165</b> °C
Hermetic seal	<b>NA</b> Atm.cm <sup>3</sup> /s
Panel leakage	<b>NA</b>

OTHERS CHARACTERISTICS

Assembly instruction

Others :

\*Coaxial Transmission Line Only

MECHANICAL CHARACTERISTICS

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

Recommended torque	
Mating	<b>NA</b> N.cm
Panel nut	<b>NA</b> N.cm

Mating life	<b>1000</b> Cycles mini
Weight	<b>0,7100</b> g

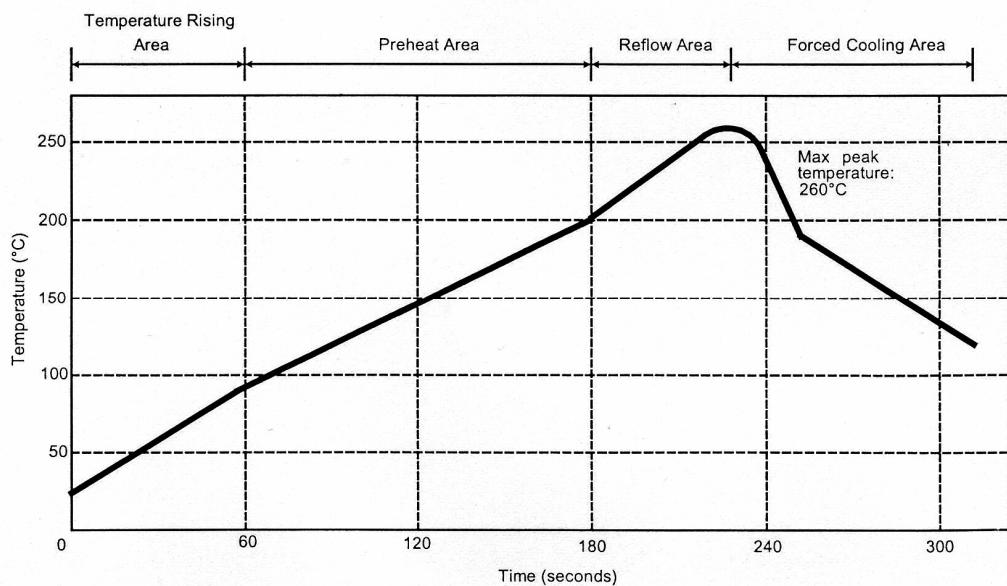
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1. Deposition of solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.
2. Place the receptacle on the mounting zone
3. Solder
4. Clean the printed circuit boards.
5. Check the solder joints and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

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