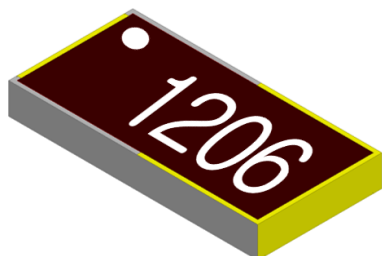


1. Description

. Part number: S1206N



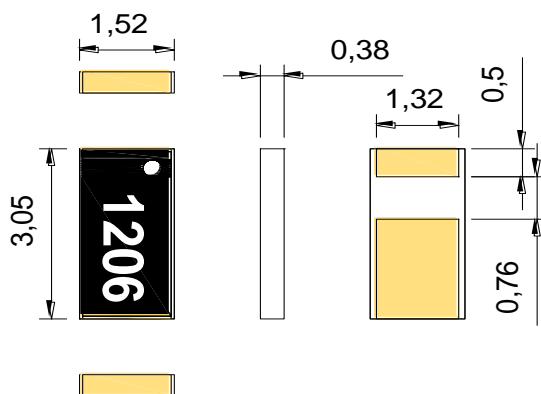
. Features

- Surface mount type
- **RoHS** Compliance (Pb Free)
- Aluminum Nitride base
- Resistive Element : Thick Film
- Gold (Au) plating finish

2. Electrical Specification

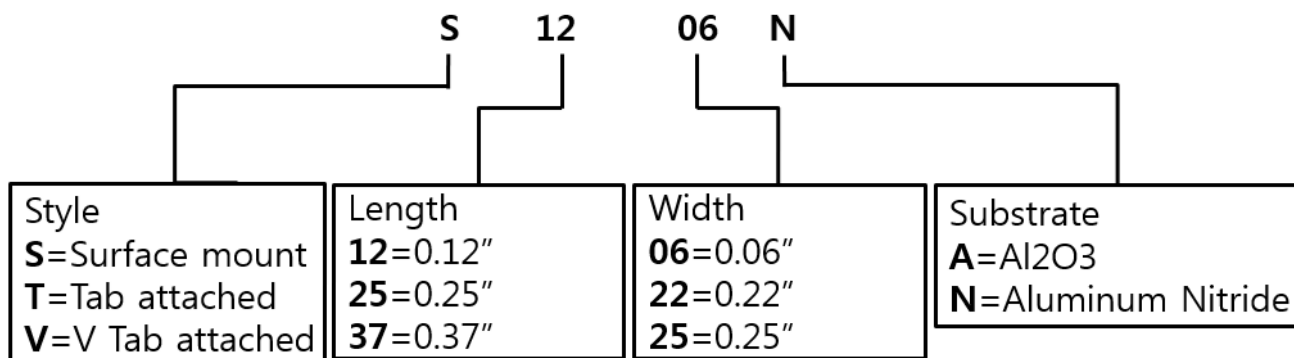
Freq. (MHz)	Size (mm Inches)	Power (Watts)	VSWR Max	Impedance (ohms)	Temp. range (°C)
D.C. ~ 6000	3.05×1.52 0.12×0.06	8	1.20	50±2%	-55 ~ +125

3. Mechanical Specification

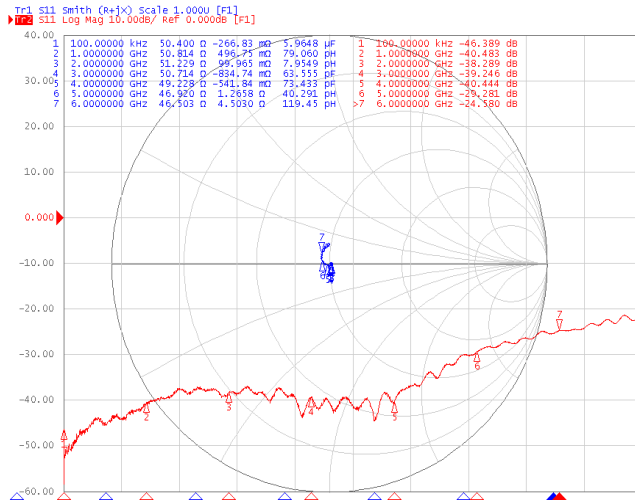


(Unit = mm)

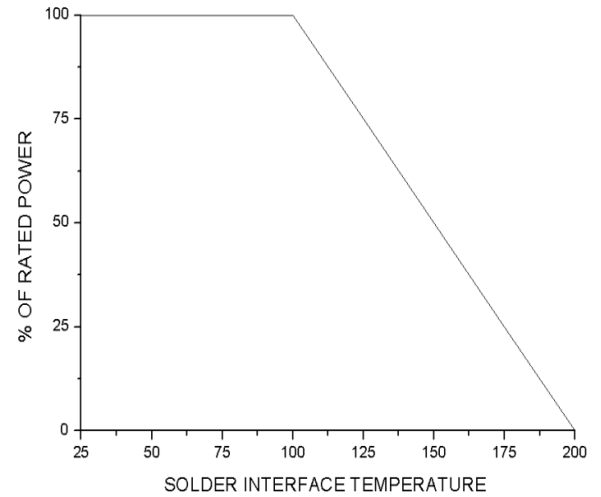
4. P/N Designation



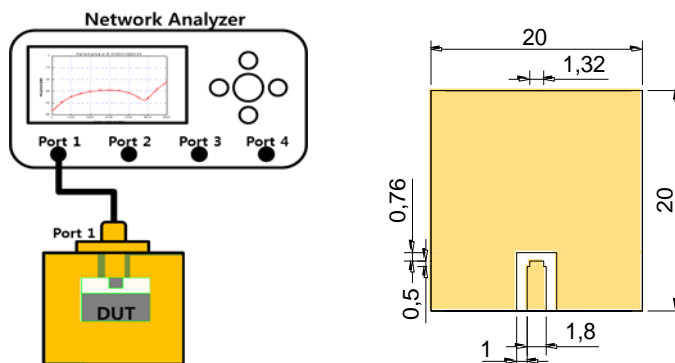
5. Operation Temperature Curve (25°C)



6. Power De-rating



7. Test Method

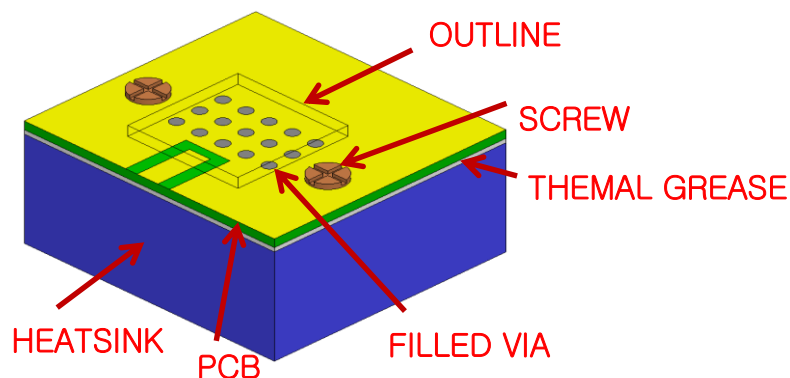


- * RN2 Test Board
- Taconic RF35 board
 - Dielectric constant 3.5
 - Board thickness 0.8mm
 - Copper 1 Oz


To recognize the specified performance of the part, it has to be evaluated on the RN2 test board shown above.

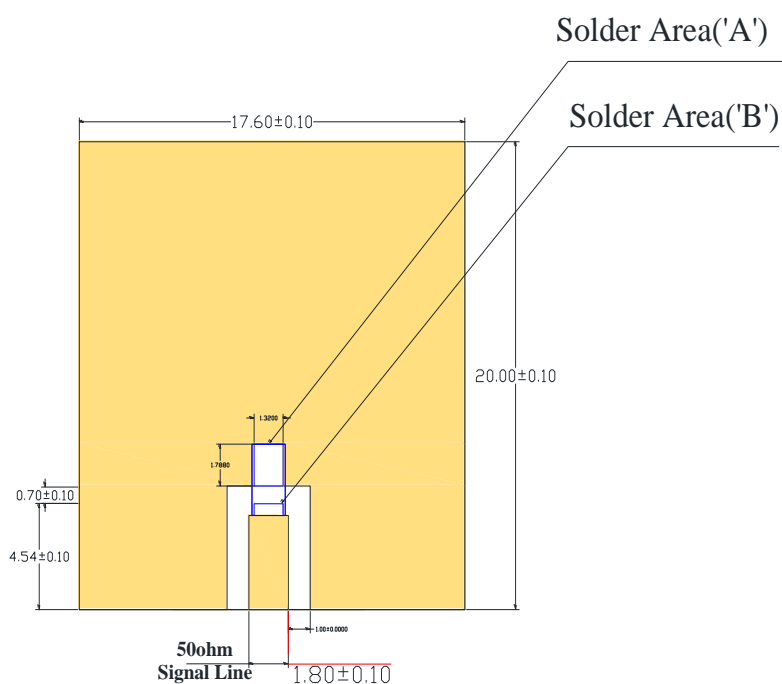
1. Calibrate the network analyzer
2. Measure the data of **Return Loss** through Port 1 to Port 1 (S11)

8. Mounting Method



9. Recommended PCB layout and Solder mask pattern

PROJECTION	No.	DATE	REVISION & DESCRIPTION	SIGNATURE	
				REVIEWED	CHECKED
	1	2016.09.09	New - Drawing		
	2				
	3				



NOTE.

1. Test Solder Cream : SAC-305 (Alpa Metal)
2. Lead Free Solder Alloy : Sn/Ag/Cu Ratio Of 96.5/3.0/0.5
3. Solder Area ('A') Demension : 1.79 mm by 1.32 mm
4. Solder Area ('B') Demension : 1.32 mm by 0.50 mm

No.	DESCRIPTION	UNIT	TOTAL	PERUNIT	TOTAL		
TITLE	S1206N - Recommended Solder Quantity & Area	RN2 DWG No.	16-0909-01	SCALE	A4	DIMENSION	mm