

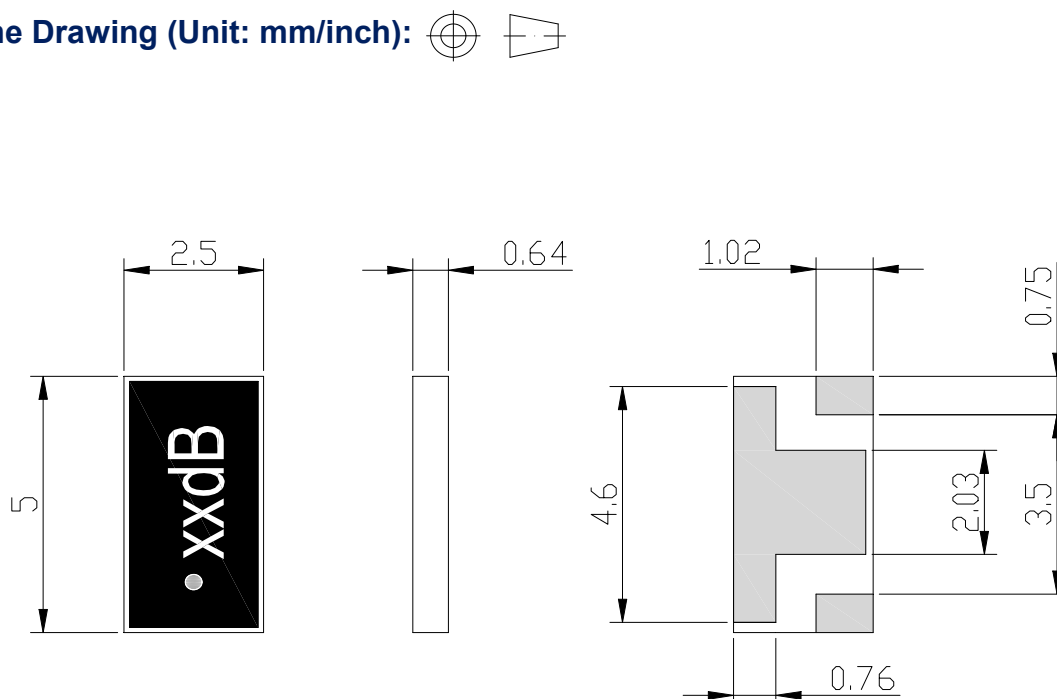


## Chip Attenuator

### ◆Features and Electrical specifications:

Model	RFTXXN-10CA5025C-6 (XX= Attenuation value)	
Resistance Range	50 Ω	
Frequency Range	DC~6.0GHz	
VSWR	1.25 max	
Power	10 W	
Attenuation Value(dB)	01-10dB	11-20dB
Attenuation Tolerance(dB)	±0.6dB	±0.8dB
Temperature Coefficient	<150ppm/°C	
Substrate Material	AlN	
Resistance Technology	Thick Film	
Operating Temperature	-55 to +150°C (See de Power De-rating)	

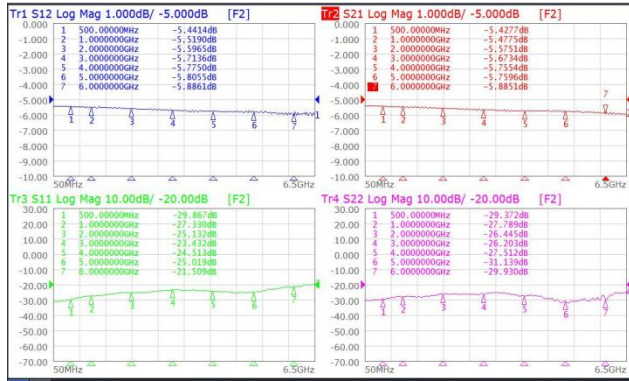
### ◆Outline Drawing (Unit: mm/inch):



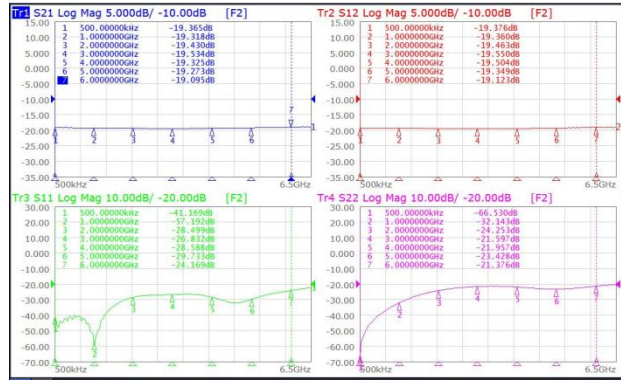


Typical Performance:

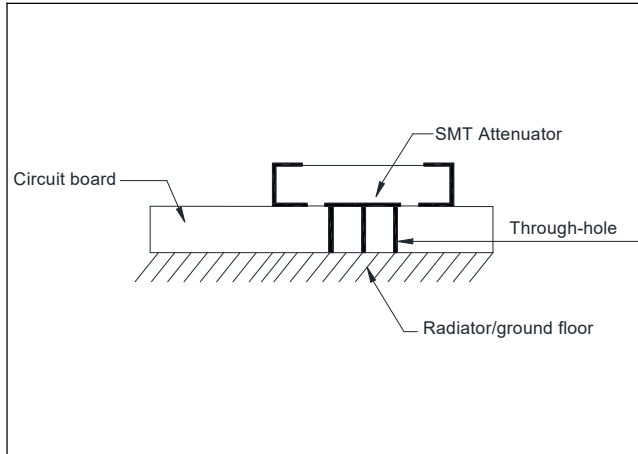
6dB Graph



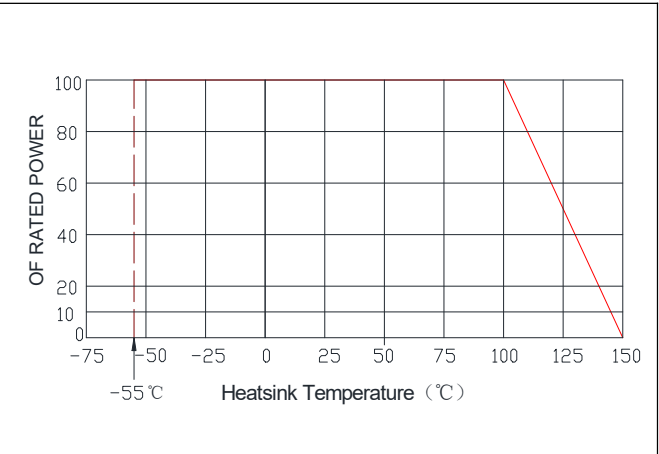
20dB Graph



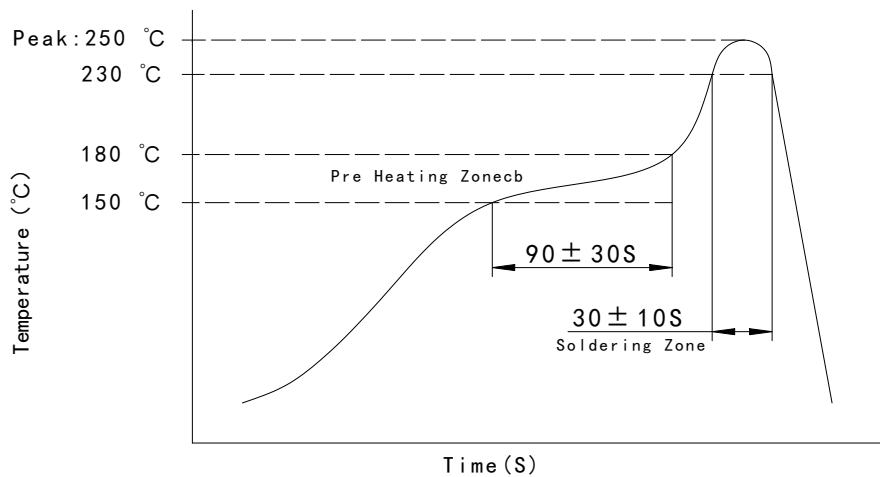
◆Installation Method:



◆Power De-rating:

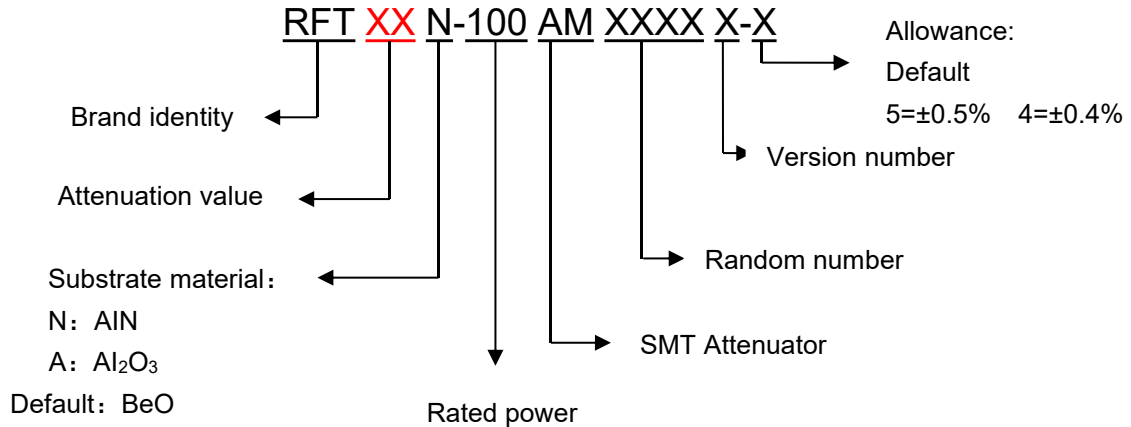


◆Reflow soldering time & Temperature diagram:





◆P/N Designation:



◆Notice:

- After the storage period of newly purchased parts exceeds 6 months, attention should be paid to their weldability before use. It is recommended to store in vacuum packaging.
- Drill out the hot hole on the PCB and fill the solder.
- Reflow welding is preferred for bottom welding, please refer to Reflow introduction
- In order to meet the requirements of the drawings, a radiator of sufficient size must be installed.
- Add air cooling or water cooling if necessary.

◆Instructions:

- Custom designed RF attenuators, RF resistors and RF terminals are available.
- In order to meet the requirements of the drawing, it is necessary to install a sufficiently large radiator. Metal surfaces and radiators need to be coated with a very thin layer of thermal grease.
- Add air cooling or water cooling if necessary.