

## Tab & Cover Attenuators

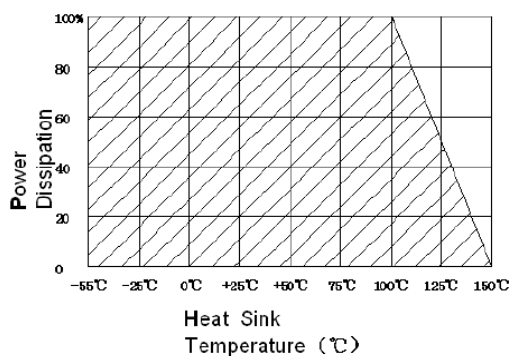
### Electrical Features

- ◇ **Impedance:** 50  $\Omega$
- ◇ **Power Rating:** 10W-150W
- ◇ **Frequency Range:** DC-6GHz
- ◇ **Attenuation Value:** 1-30dB
- ◇ **Attenuation Tolerance:** 1-10dB  $\pm 0.6$ dB / 11-20dB  $\pm 0.8$ dB / 21-30dB  $\pm 1.0$ dB
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **RoHS Compliant**

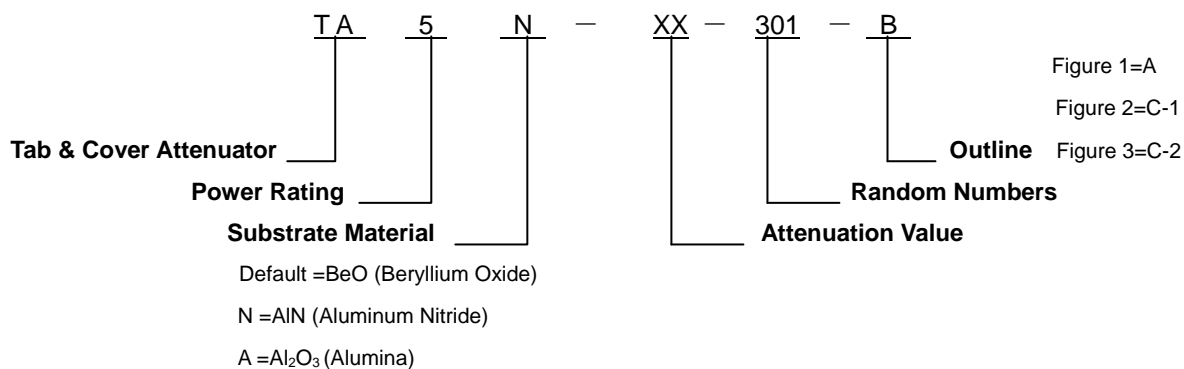
### Mechanical Features

- ◇ **Tab:** Beryllium Copper or Silver
- ◇ **Cover:** Alumina
- ◇ **Solder:** SN96
- ◇ **Resistor:** Thin Film, Thick Film
- ◇ **Substrate:** AlN, BeO, Al<sub>2</sub>O<sub>3</sub>
- ◇ **Mechanical Tolerance:**  $\pm 2\%$
- ◇ **Packaging:** Plastic Box

### Power Curve



## HOW TO ORDER



## General Specifications and Dimensions for 10W-150W DC-6GHz

Part Number	Power Rating (W)	Freq. (GHz)	Atten. Value (dB)	VSWR (Max.)	Dimensions (mm)						Outline Drawing
					L	W	T	H	I	Tw	
TA10-20-702A	10	DC-6	20	1.25	4	4	1	N/A	N/A	N/A	Figure 1
TA50-XX-111A	50	DC-3	1~10	1.20	6	6	1	1.9	6	1	Figure 1
TA50-15-111A	50	DC-3	15	1.20	6	6	1	1.9	6	1	Figure 1
TA50-20-111A	50	DC-3	20	1.20	6	6	1	1.9	6	1	Figure 1
TA50-30-111A	50	DC-3	30	1.20	6	6	1	1.9	6	1	Figure 1
TA100N-20-501C	100	DC-3	20	1.20	8.9	5.7	1	N/A	6	1	Figure 2
TA100N-30-501C	100	DC-3	30	1.20	8.9	5.7	1	N/A	6	1	Figure 2
TA100N-20-502C	100	DC-3	20	1.20	8.9	5.7	1	N/A	6	1	Figure 3
TA100N-30-502C	100	DC-3	30	1.20	8.9	5.7	1	N/A	6	1	Figure 3
TA150N-20-330C	150	DC-3	20	1.20	9.5	6.35	1	N/A	6	1	Figure 2
TA150N-30-323C	150	DC-3	30	1.20	9.5	6.35	1	N/A	6	1	Figure 2
TA150N-20-327C	150	DC-3	20	1.20	9.5	6.35	1	N/A	6	1	Figure 3
TA150N-30-321C	150	DC-3	30	1.20	9.5	6.35	1	N/A	6	1	Figure 3
TA150N-30-356C	150	DC-3	30	1.20	6.35	9.5	1	N/A	?	?	Figure 3

\* Customized products are available, please consult with Kete.

### Outline Drawing

Figure 1 (A)

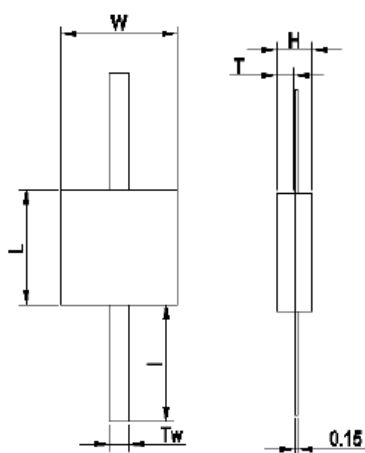


Figure 2 (C-1)

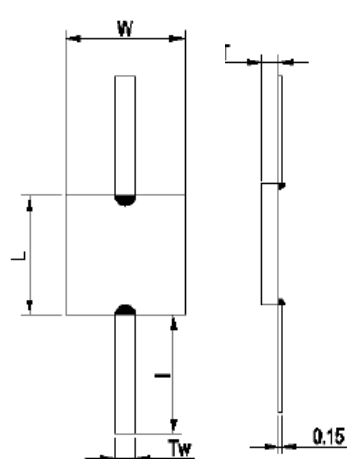
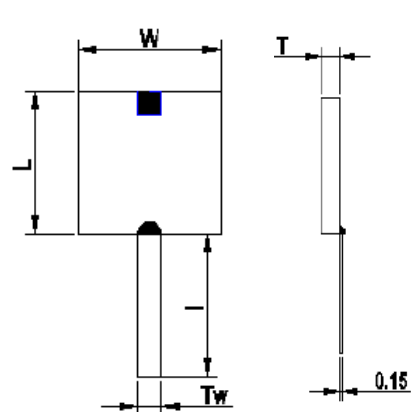


Figure 3 (C-2)



### Installation Instructions

1. Solder part or leads in place with controlled temperature iron (260°C).
2. Forming a small loop in the tab will act as a strain relief when the heat is dissipated.

