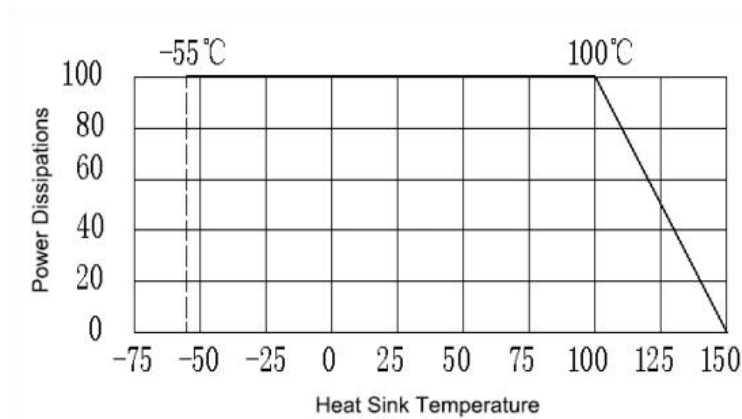


## Tab & Cover Attenuators

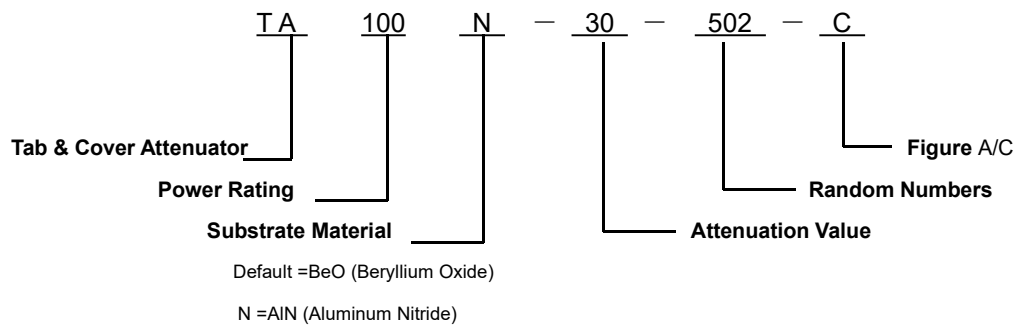
### Electrical Features

- ✧ **Input Impedance:** 50Ω
- ✧ **Substrate Material:** Beryllium Oxide (BeO)
- ✧ **Power Rating:** 10W-100W
- ✧ **Attenuation Value:** 1-30dB
- ✧ **Attenuation Tolerance:** 1-10dB ±0.6dB / 11-20dB ±0.8dB / 21-30dB ±1.0dB
- ✧ **Operating Temperature:** -55°C to +150°C
- ✧ **Temperature Coefficient:** ±150ppm/°C
- ✧ **Installation Method:** It's tin soldering on the back, the lead wire can be welded with a soldering iron.

### Power Derating



### HOW TO ORDER



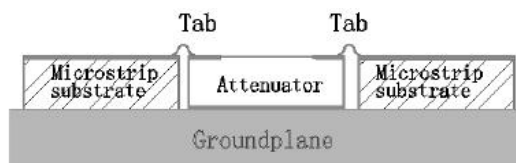
## General Specifications and Dimensions

Part Number	Substrate	Power Rating (W)	Frequency Range (GHz)	Attenuation Value (dB)	VSWR (Max.)	Dimensions(mm)		
						L	W	T
TA10-XX-302B	BeO	10	DC-3	1-30	1.25:1	5.0	2.5	1.9
TA50-XX-101A	BeO	50	DC-3	1-30	1.25:1	6.0	6.0	1.9
TA50-XX-304B	BeO	50	DC-4	1-30	1.50:1	6.35	6.35	1.9
TA100-XX-202A	BeO	100	DC-3.5	1-30	1.35:1	6.0	9.0	1.9
TA100-XX-701A	BeO	100	DC-3	1-30	1.25:1	6.35	9.5	2.4

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

## Installation Instructions

1. When welding devices or leads, it is best to use a temperature-controlled soldering iron and keep the temperature at 260°C.
2. It is best to make an arch bridge shape at the lead (as shown), which can release the ability of thermal deformation to ensure good contact at the lead. Install the lead as little as possible to prevent the lead break.



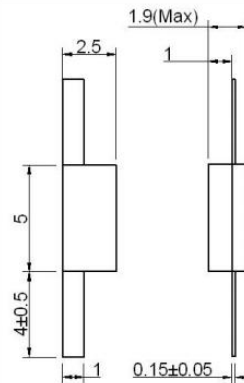
## Tab & Cover Attenuators

**Part Number: TA10-XX-302B**

### Electrical Specifications

- ◇ **Input Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Substrate Material:** BeO
- ◇ **Frequency Range:** DC-3GHz
- ◇ **Attenuation Value:** 1-30dB
- ◇ **VSWR:** ≤1.25:1
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** ±150ppm/°C

### Outline

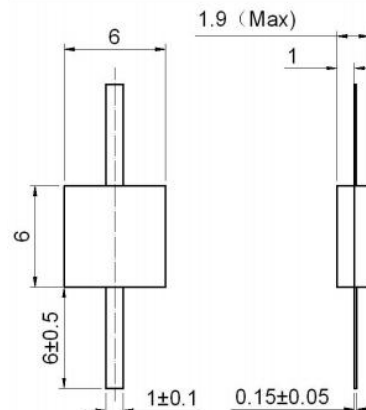


**Part Number: TA50-XX-101A**

### Electrical Specifications

- ◇ **Input Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Substrate Material:** BeO
- ◇ **Frequency Range:** DC-3GHz
- ◇ **Attenuation Value:** 1-30dB
- ◇ **VSWR:** ≤1.25:1
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** ±150ppm/°C

### Outline Drawing (mm)

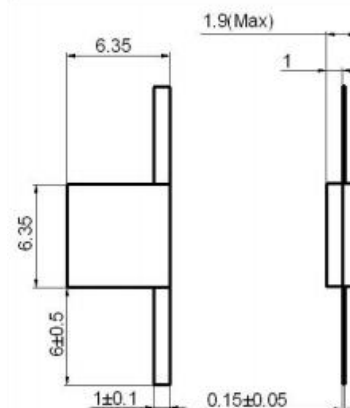


**Part Number: TA50-XX-304B**

### Electrical Specifications

- ◇ **Input Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Substrate Material:** BeO
- ◇ **Frequency Range:** DC-4GHz
- ◇ **Attenuation Value:** 1-30dB
- ◇ **VSWR:** ≤1.50:1
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** ±150ppm/°C

### Outline Drawing (mm)



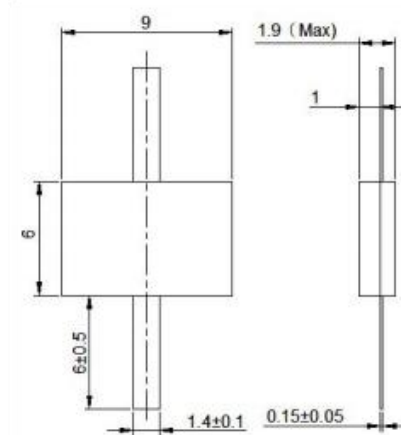
## Tab & Cover Attenuators

Part Number: TA100-XX-202A

### Electrical Specifications

- ◇ **Input Impedance:** 50  $\Omega$
- ◇ **Power Rating:** 100W
- ◇ **Substrate Material:** BeO
- ◇ **Frequency Range:** DC-3.5GHz
- ◇ **Attenuation Value:** 1-30dB
- ◇ **VSWR:**  $\leq 1.35:1$
- ◇ **Operating Temperature:** -55 $^{\circ}\text{C}$  to +150 $^{\circ}\text{C}$
- ◇ **Temperature Coefficient:**  $\pm 150\text{ppm}/^{\circ}\text{C}$

### Outline Drawing (mm)



Part Number: TA100-XX-701A

### Electrical Specifications

- ◇ **Input Impedance:** 50  $\Omega$
- ◇ **Power Rating:** 100W
- ◇ **Substrate Material:** BeO
- ◇ **Frequency Range:** DC-3GHz
- ◇ **Attenuation Value:** 1-30dB
- ◇ **VSWR:**  $\leq 1.25:1$
- ◇ **Operating Temperature:** -55 $^{\circ}\text{C}$  to +150 $^{\circ}\text{C}$
- ◇ **Temperature Coefficient:**  $\pm 150\text{ppm}/^{\circ}\text{C}$

### Outline Drawing (mm)

