



# Temperature compensated chip attenuators

P \* V series

## Features

- For simplifying temperature drift compensation of GaAs high frequency amplifiers
- Excellent high frequency characteristics

## Applications

- Base station and others



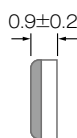
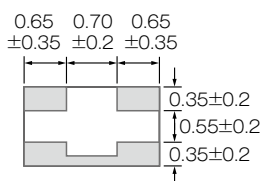
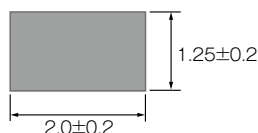
\* Except for Chinese RoHS

## Specifications

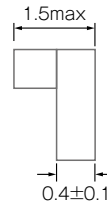
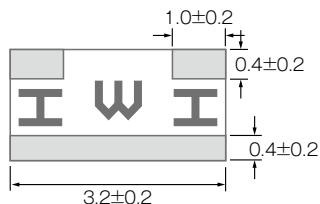
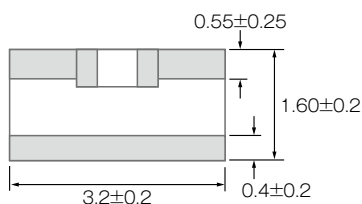
\* All made to order.

### Dimensions

PXV1220S



PBV1632S

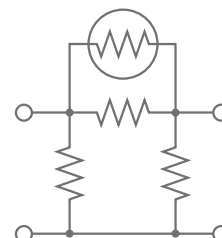


Front side

Back side

(unit:mm)

### Equivalent circuits



### Electrical characteristics

Series name	PXV1220S (0805)	PBV1632S (1206)
Attenuation	1, 2, 3, 4, 5, 6, 7, 8, 9, 10dB	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16dB
Attenuation tolerance	±0.5dB (@25°C, no load)	
Impedance	50Ω	
VSWR	1.3max.	
Temperature coefficient of attenuation	N1 ~ N8 (1 ~ 3dB : N1 ~ N9)	N5 0.0041dB/dB*°C N6 0.0035dB/dB*°C N7 0.0026dB/dB*°C N8 0.0019dB/dB*°C
Operating frequency	DC ~ 3GHz	
Rated power	63mW	100mW
Operating temperature	-40°C ~ +100°C	
Packaging	100pcs/bag 200pcs/reel 1,000pcs/reel	min.20pcs/bag 1,000pcs/reel

· Refer to the data book for details.

## Part numbering system

PXV 1220S - 6dB N1 - T



High frequency surface mount components

P \* V series