



# 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

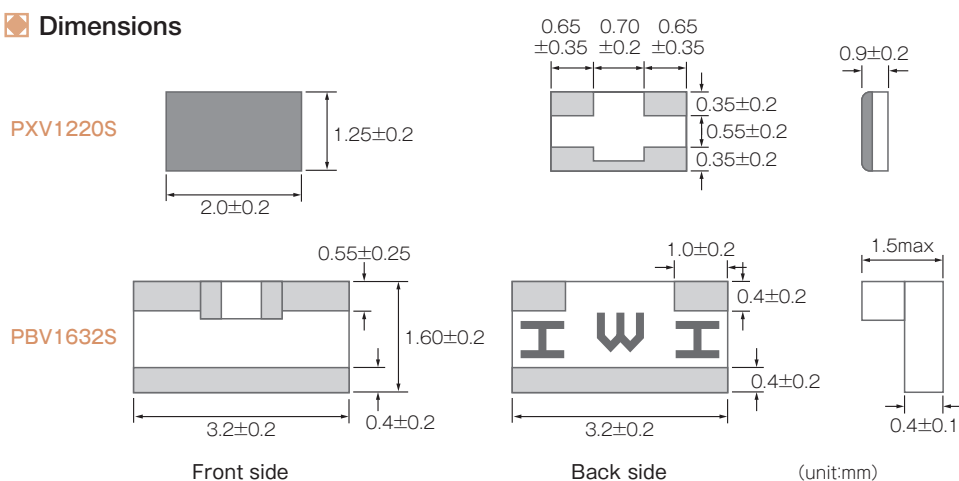


\* Except for Chinese RoHS

## Specifications

\* All made to order.

### Dimensions



### Equivalent circuits



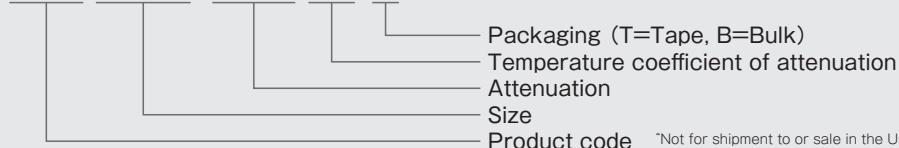
### Electrical characteristics

| Series name                            | PXV1220S                        | PBV1632S   |
|--|---------------------------------|--|
| 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<br>(1 ~ 3dB : N1 ~ N9)  | ex : 6dB<br>N1 0.0119dB/dB*°C<br>N2 0.0088dB/dB*°C<br>N3 0.0062dB/dB*°C<br>N4 0.0047dB/dB*°C<br>N5 0.0041dB/dB*°C<br>N6 0.0035dB/dB*°C<br>N7 0.0026dB/dB*°C<br>N8 0.0019dB/dB*°C |
| Operating frequency                    | DC ~ 3GHz                       |  |
| Rated power                            | 63mW                            | 100mW  |
| Operating temperature                  | -40°C ~ +100°C                  |  |
| Packaging                              | 100pcs/bag 1,000pcs/reel        | min.20pcs/bag 1,000pcs/reel  |

· Refer to the data book for details.

## Part numbering system

**PXV 1220S-06dB N1-T**



\* Not for shipment to or sale in the United States\*

High frequency surface mount components

P \* V series