



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



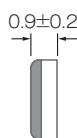
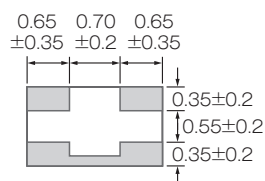
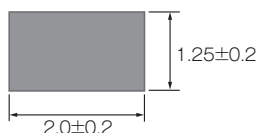
* Except for Chinese RoHS

Specifications

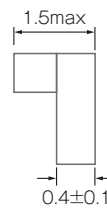
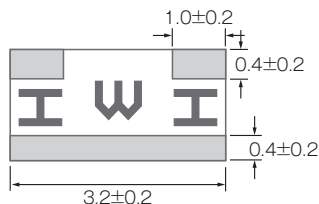
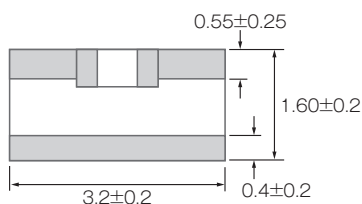
* All made to order.

Dimensions

PXV1220S



PBV1632S

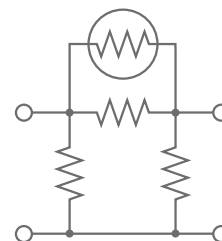


Front side

Back side

(unit:mm)

Equivalent circuits



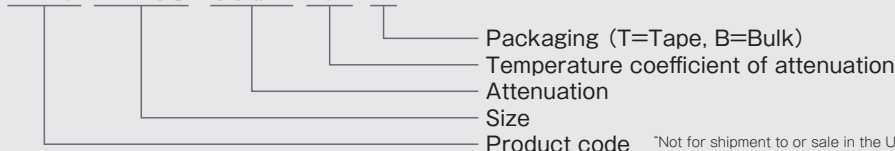
Electrical characteristics

| Series name | PXV1220S | 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 (1 ~ 3dB : N1 ~ N9) | ex : 6dB N1 0.0119dB/dB*°C N2 0.0088dB/dB*°C N3 0.0062dB/dB*°C N4 0.0047dB/dB*°C 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 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