



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



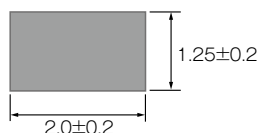
* Except for Chinese RoHS

Specifications

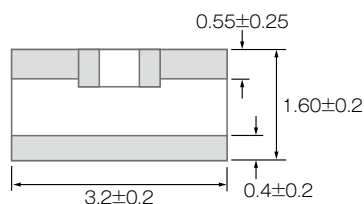
* All made to order.

Dimensions

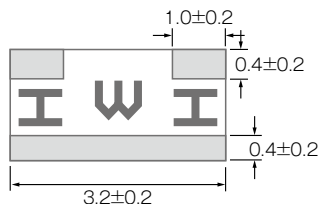
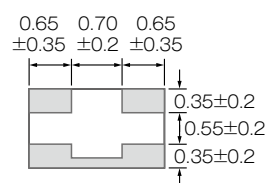
PXV1220S



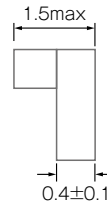
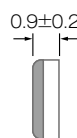
PBV1632S



Front side

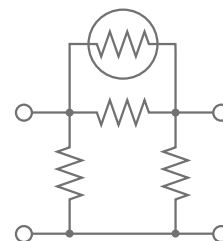


Back side



(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

Packaging (T02=200, T1=1,000, B=Bulk)
Temperature coefficient of attenuation
Attenuation
Size
Product code

High frequency surface mount components

P * V series