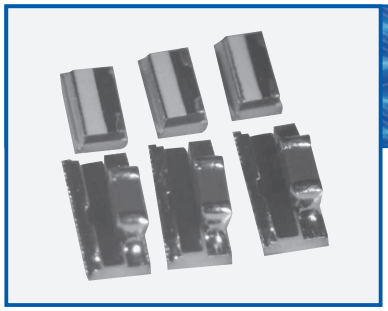


Temperature compensated chip attenuators

P∗V series

Lead free　Halogen free　RoHS Compliance

※Except for Chinese RoHS

Features

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

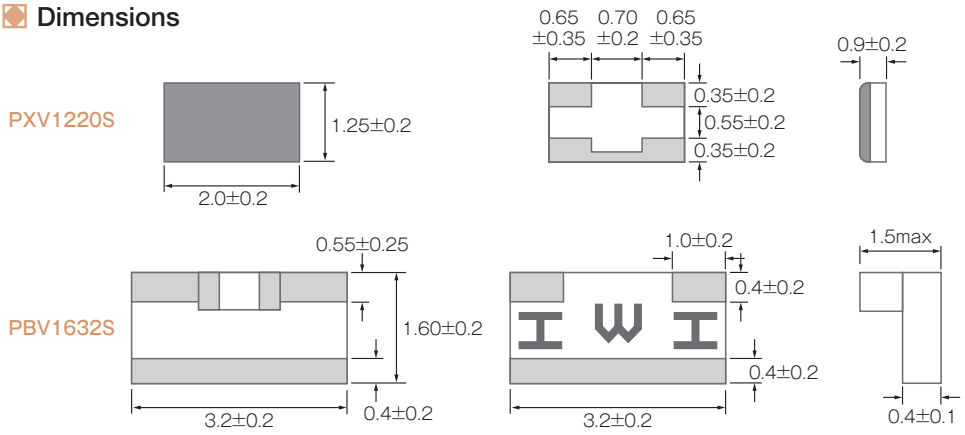
Applications

- Base station and others

Specifications

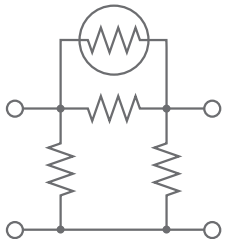
∗All made to order.

Dimensions



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℃, no load)			
Impedance	50Ω			
VSWR	1.3max.			
Temperature coefficient of attenuation	N1 ~ N8 (1 ~ 3dB : N1 ~ N9)	ex : 6dB N1 0.0119dB/dB*℃ N2 0.0088dB/dB*℃ N3 0.0062dB/dB*℃ N4 0.0047dB/dB*℃		N5 0.0041dB/dB*℃ N6 0.0035dB/dB*℃ N7 0.0026dB/dB*℃ N8 0.0019dB/dB*℃
Operating frequency	DC ~ 3GHz			
Rated power	63mW		100mW	
Operating temperature	−40℃ ~ +100℃			
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

- Packaging (T=Tape, B=Bulk)
- Temperature coefficient of attenuation
- Attenuation
- Size
- Product code

"Not for shipment to or sale in the United States"