



# 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

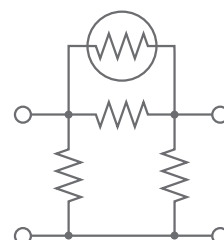
## Specifications

\* 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 (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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Susumu:

[PXV1220S-1DBN1-T02](#) [PXV1220S-1DBN2-T02](#) [PXV1220S-1DBN3-T02](#) [PXV1220S-2DBN1-T02](#) [PXV1220S-2DBN2-T02](#) [PXV1220S-2DBN3-T02](#) [PXV1220S-3DBN1-T02](#) [PXV1220S-3DBN2-T02](#) [PXV1220S-3DBN3-T02](#) [PXV1220S-4DBN1-T02](#) [PXV1220S-4DBN2-T02](#) [PXV1220S-4DBN3-T02](#) [PXV1220S-5DBN1-T02](#) [PXV1220S-5DBN2-T02](#) [PXV1220S-5DBN3-T02](#) [PXV1220S-6DBN1-T02](#) [PXV1220S-6DBN2-T02](#) [PXV1220S-6DBN3-T02](#) [PXV1220S-7DBN1-T02](#) [PXV1220S-7DBN2-T02](#) [PXV1220S-7DBN3-T02](#)