

# P\*V series, thermal sensitive chip attenuators.



These thermo-variable attenuators have opposite temperature characteristics of GaAs MOSFET amplifiers and compensate the temperature caused gain fluctuation of such amplifiers.

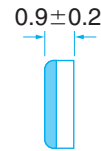
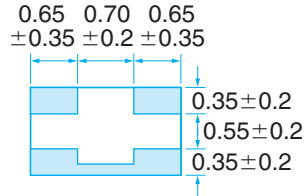
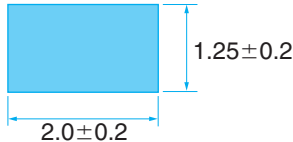
RoHS compliant



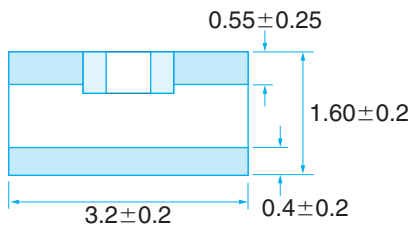
## SPECIFICATIONS

### Mechanical

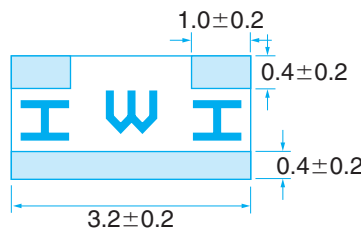
PXV1220S  
(0805)



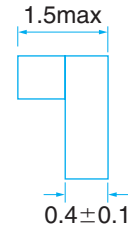
PBV1632S  
(1206)



Top side

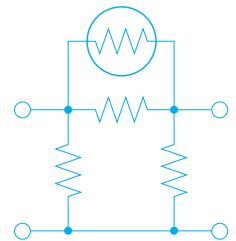


back side



(dimension:mm)

### Equivalent circuit



### Electrical

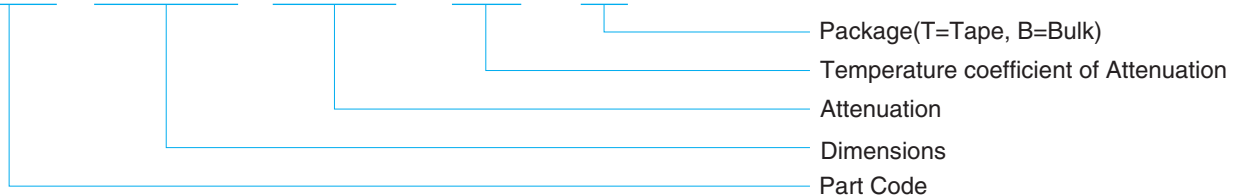
Type	PXV1220S	PBV1632S
Attenuation	1, 2, 3, 4, 5, 6, 7, 8, 9, 10dB	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16dB
Attenuation tolerance	±0.5dB (@25°C, no load)	
Impedance	50 Ω	
VSWR	1.3 or less	
Temperature coefficient of Attenuation	ex : 6dB N1 0.0119dB/dB*°C N5 0.0041dB/dB*°C N2 0.0088dB/dB*°C N6 0.0035dB/dB*°C N3 0.0062dB/dB*°C N7 0.0026dB/dB*°C N4 0.0047dB/dB*°C N8 0.0019dB/dB*°C	
Frequency Range	DC ~3GHz	
Power Rating	63mW	100mW
Operating Temp. Range	-40°C~+100°C	
Package	100pcs/package 1,000pcs/reel	min.20pcs/package 1,000pcs/reel

· Contact us for data book in details.



## PART NUMBER

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



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