

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.

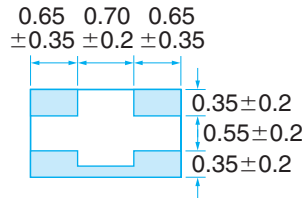
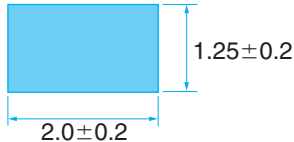
RoHS compliant



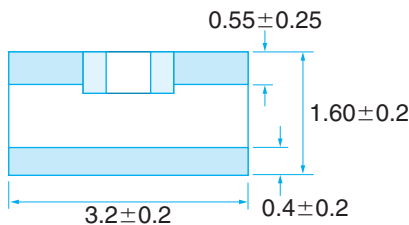
SPECIFICATIONS

Mechanical

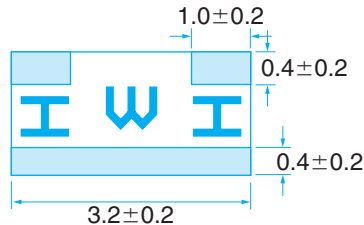
PXV1220S
(0805)



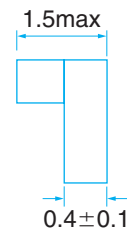
PBV1632S
(1206)



Top side

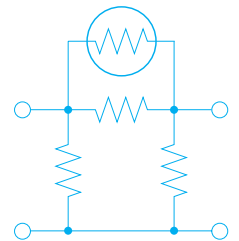


back side



(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	$\pm 0.5\text{dB}$ (@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 (N1~N8 (Nin types available for 1 to 3 dB))	
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 - 6dB

N1 - T

Package(T=Tape, B=Bulk)

Temperature coefficient of Attenuation

Attenuation

Dimensions

Part Code

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