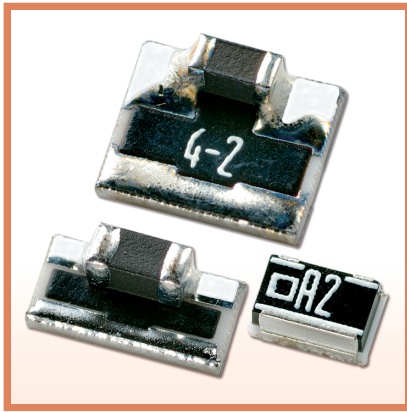




Thermo-variable chip attenuators

■ 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

◆ Part numbering system

PXV		1220S		- 6dB		N1		- T	
Series code		Size : PXV1220S, PBV1632S		Attenuation tolerance		Attenuation		Packaging quantity: T02(200pcs) T1(1,000pcs) B(Bulk)	

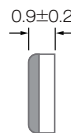
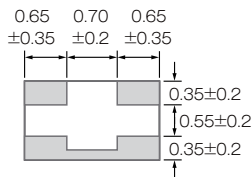
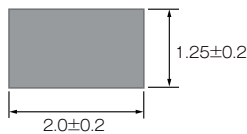
◆ Electrical Specification

Series name	PXV1220S	PBV1632S
Size(inch)	0805	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	$\pm 0.5\text{dB} (@25^\circ\text{C}, \text{no load})$	
Impedance	50 Ω	
V S W R	1.3 以下	
Temperature coefficient of attenuation	N1 ~ N8 (1 ~ 3dB は 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	$-40^\circ\text{C} \sim +100^\circ\text{C}$	
Packaging	100pcs/bag 200pcs/reel 1,000pcs/reel	min.20pcs/bag 1,000pcs/reel

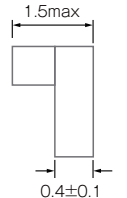
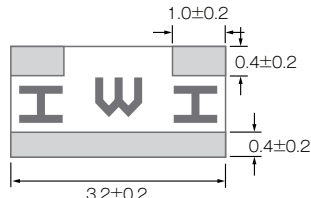
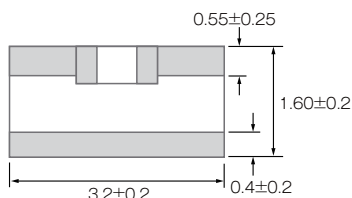
• Refer to the data book for details.

◆ Dimensions

PXV1220S



PBV1632S



Front side

Back side

(unit : mm)

◆ Equivalent circuits

