

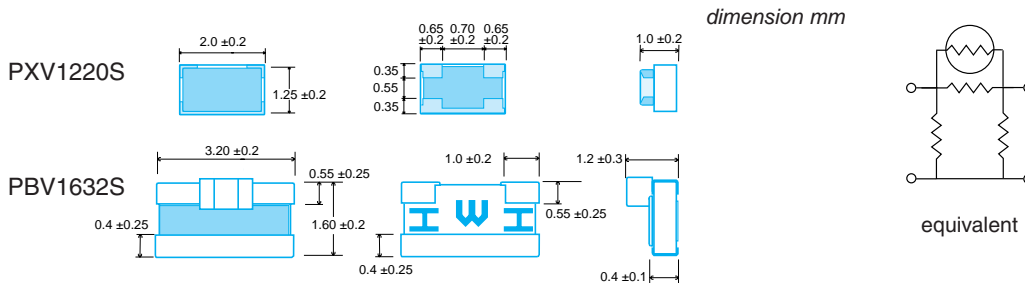
Thin Film Variable Attenuators

PBV Series, PXV Series

1.0 Description

This thin film high frequency attenuator offers low power dissipation and attenuation that varies with temperature. It is used for simplifying temperature compensation circuits or in any application with a temperature shift requiring a desired amount of attenuation change.

2.0 Mechanical



3.0 Electrical

Type	PXV 1220S (0805)		PBV 1632S (1206)		
Attenuation	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 dB		1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16dB		
Attenuation tolerance	±0.5 dB (@ 25°C, no load)				
Impedance	50 ohm				
VSWR	under 1.3				
Temperature coefficient of attenuation	N1-N8 ex: 6 dB	N1	0.0119 dB/dB*°C	N5	0.0041 dB/dB*°C
		N2	0.0088 dB/dB*°C	N6	0.0035 dB/dB*°C
		N3	0.0062 dB/dB*°C	N7	0.0026 dB/dB*°C
		N4	0.0047 dB/dB*°C	N8	0.0019 dB/dB*°C
Frequency range	DC to 3 GHz (6 GHz)				
Rated power	63 mW		100 mW		
Operating temperature range	-40°C to +100°C				
Packaging	100 pcs/package 1000 pcs/reel		min. 20 pcs/package 1000 pcs/reel		

4.0 Part Number

PXV _____ Product designator
1220S _____ Package size
6dB _____ Attenuation
N1 _____ Temperature coefficient of attenuation
T _____ Packaging (T = Tape) (B = Bulk)

