

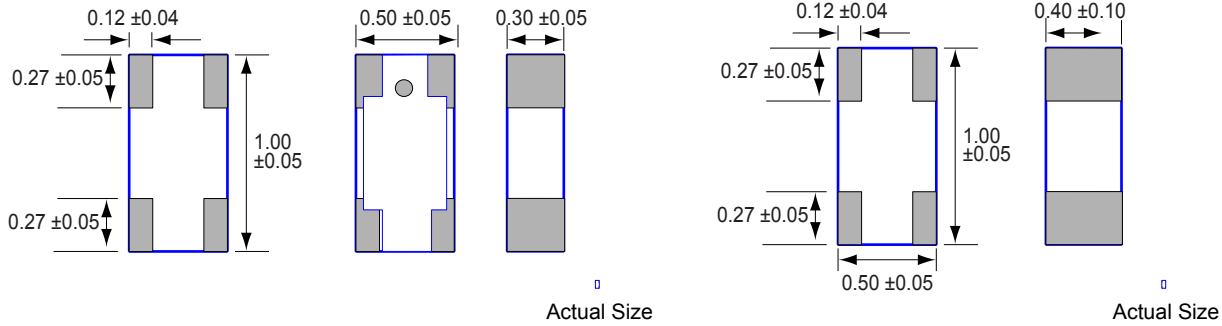
Thin Film Attenuator

PAT Series

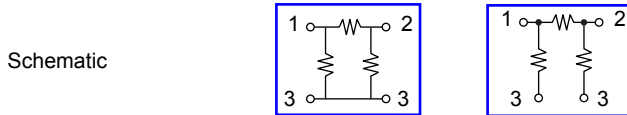
Description

These 0816 and 0510 size chip attenuators exhibit excellent high frequency characteristics. The surface mount package is ideal for low noise, low inductance and parasitic capacitance applications. Thin film Metallization provides for a very stable characteristics over temperature and time.

Mechanical



Electrical



Type	PAT 0510S	PAT 0816		
Attenuation	0 - 10 dB ± 0.3 dB for 0 to 3 dB	0.3 dB	4 - 7 dB	8 - 10 dB
Attenuation tolerance	± 0.5 dB for 4 to 7 dB ± 1.0 dB for 8 to 10dB	± 0.3 dB	± 0.5 dB	± 1.0 dB
Impedance (code)	50 ohm (C)	50 ohm (C)		
VSWR	<1.3	<1.3 (~6GHz)<1.5 (6 - 10 GHz)		
Frequency range	DC to 10 GHz	DC to 10 GHz		
Power rating	32 mW	63 mW		
Rated operation temp	70°C	70°C		
Operating temp. range	- 55°C to +125°C	- 55°C to +125°C		
Packaging	10,000 pcs/reel	5,000 pcs/reel		

Part Number

