

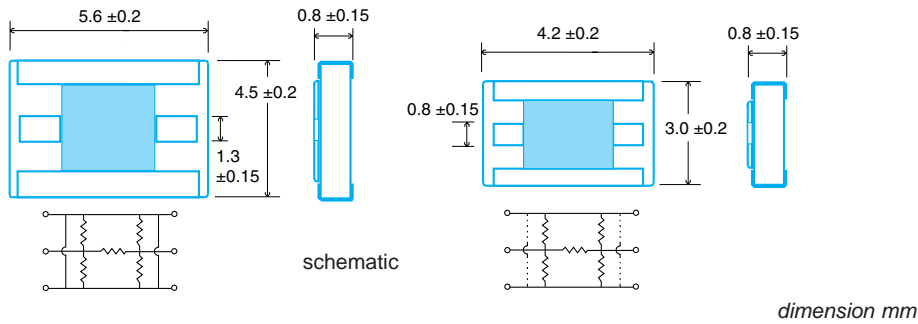
# Thin Film Chip Attenuator

## PAT W Series

### 1.0 Description

High performance thin film attenuation in a surface mount chip package. These devices offer 0 to 16 dB attenuation, are suited for high density circuit population, and have excellent characteristics for high frequency to 10 GHz.

### 2.0 Mechanical



### 3.0 Electrical

Type	PAT 4556	PAT 3042
Attenuation (dB)	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16, 20	
Impedance (code)	50 ohm (C)	
Frequency range	DC to 10 GHz	
Power rating	500 mW	250 mW
Rated operation temperature	70°C	

	Attenuation	Rank	DC to 2 GHz	2 GHz to 5 GHz	5 GHz to 10 GHz
Attenuation Tolerance	0 to 10 dB	A	±0.1 dB	±0.2 dB	±0.4 dB
	16, 20 dB	B	±0.2 dB	±0.3 dB	±0.5 dB

### 4.0 Part Number

**PAT 3042 C 10dB A B -LF**

