

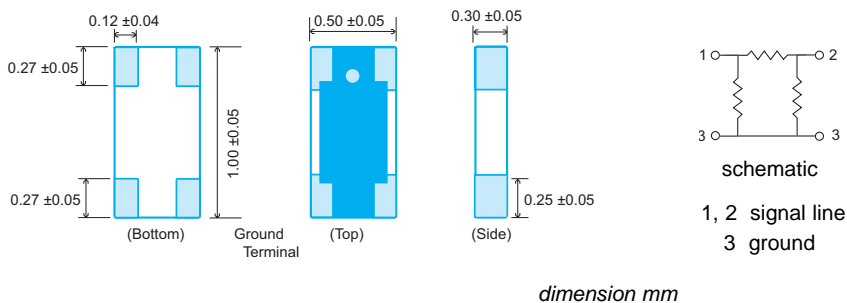
# Thin Film Attenuators

## PAT 0510S Series

### 1.0 Description

Sizing down to 0402 helps in exhibiting excellent high frequency characteristics as well as saving needed board space for mobile applications. Thin film metalization provides for very stable characteristics over temperature and time.

### 2.0 Mechanical



### 3.0 Electrical

Type	PAT 0510 (0402)
Attenuation	0 - 10 dB ± 0.3 dB for 0 to 3 dB
Attenuation tolerance	± 0.5 dB for 4 to 7 dB ± 0.7 dB for 8 to 10 dB
Impedance (code)	50 ohm (C)
VSWR	<1.3
Frequency range	DC to 10 GHz
Power rating	32 mW
Rated operation temperature	70°C
Operating temperature range	- 55°C to +125°C
Package	10,000 pcs/reel

### 4.0 Part Number

**PAT** \_\_\_\_\_ Product designator  
**0510S** \_\_\_\_\_ Package size  
**C** \_\_\_\_\_ Impedance  
**3dB** \_\_\_\_\_ Attenuation  
**T10** \_\_\_\_\_ Packaging (T = Tape, 10 = 10,000 pcs/reel)



Manufacturer(s) of the products described on this page are indicated by their respective logos.