

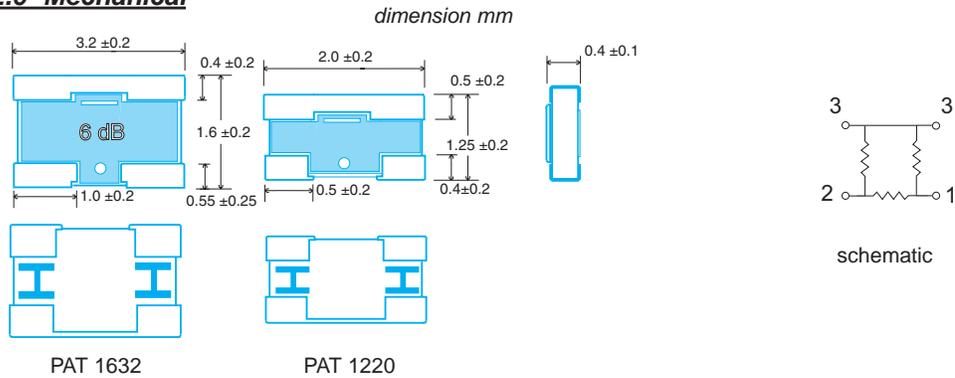
# Thin Film Chip Attenuator

## PAT Series

### 1.0 Description

These 3042, 1632, and 1220 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 metalization provides for very stable characteristics over temperature and time.

### 2.0 Mechanical



### 3.0 Electrical

Type	PAT 3042S (not shown)		PAT 1632	PAT 1220
Attenuation	0-10 dB, 16 dB, 20 dB		0-10 dB, 16 dB	0-10 dB
Attenuation tolerance	± 0.3 dB, ± 0.5 @ 16 dB and above			
Impedance (code)	50 ohm (C)	75 ohm (D)	50 ohm (C)	
VSWR	<1.2	<1.3	<1.3	<1.3
Frequency range	DC to 3 GHz	DC to 2 GHz	DC to 3 GHz	DC to 10 GHz
Power rating	250 mW		125 mW	100 mW
Rated operation temp.	70°C			
Operating temp. range	-55°C to +125°C			
Packaging	50 pcs/package 2000 pcs/reel		100 pcs/package 1000 or 5000pcs/reel	5000 pcs/package

### 4.0 Part Number

**PAT** \_\_\_\_\_ Product designator  
**1632** \_\_\_\_\_ Package size  
**C** \_\_\_\_\_ Impedance  
**3dB** \_\_\_\_\_ Attenuation (dB)  
**I** \_\_\_\_\_ Packaging (T = Tape), (B = Bulk)





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