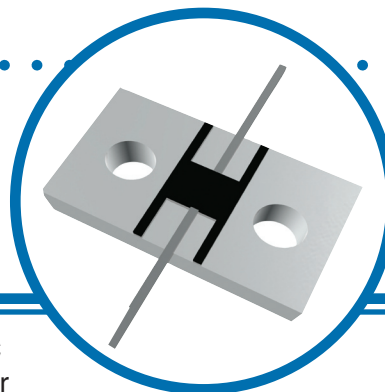


High Power Flanged Attenuators

PAT-P Series

- Power dissipation up to 10W
- High frequency operation up to 10GHz
- Flanged package for heat sink mounting



The PAT-P series power attenuator has a very low VSWR from DC to 10GHz. High frequency performance combined with high power dissipation make this an ideal RF power attenuator. Typical applications are power meters and amplifiers where a reduction in power is needed while maintaining transmission line characteristic impedances.

Electrical Data

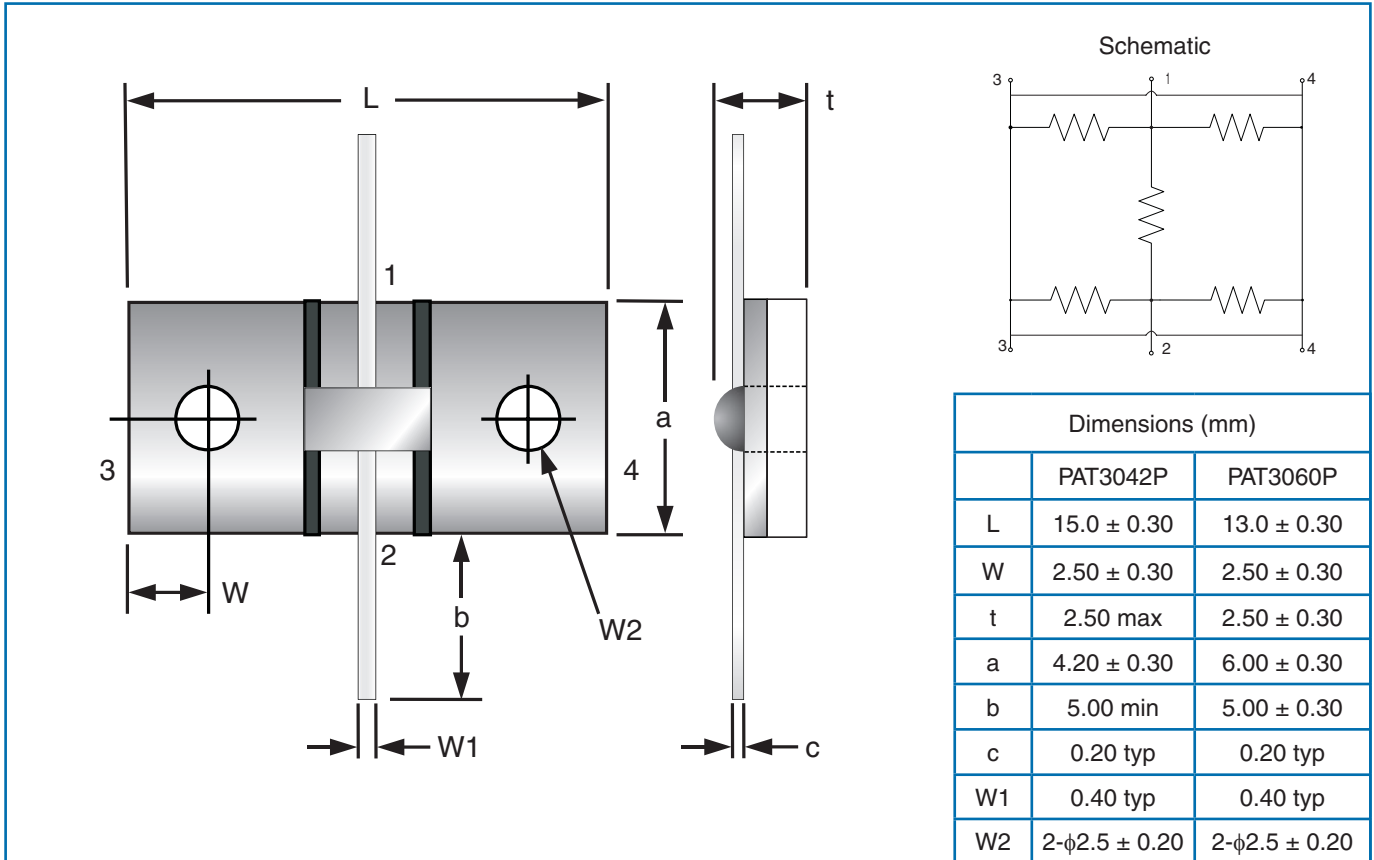
Impedance	50Ω	
Frequency Range	DC - 10GHz	
Operating Temperature Range	-55°C to +125°C	
Thermal Impedance	5°C/W	
Attenuation (dB)	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16, 20	
Attenuation Tolerance	DC to 2GHz	±0.2 dB
	2GHz to 5GHz	±0.3 dB
	5GHz to 10GHz	±0.5 dB
VSWR	DC to 2GHz	1.1
	2GHz to 5GHz	1.2
	5GHz to 10GHz	1.3
Power Rating @70°C	PAT3042P	1W (Max. 5W Heatsinked)
	PAT3060P	1.5W (Max. 10W Heatsinked)
Terminations	100% Sn	

General Note

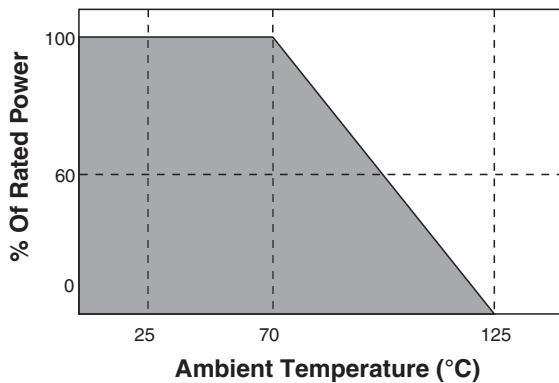
IRC reserves the right to make changes in product specification without notice or liability. All information is subject to IRC's own data and is considered accurate at time of going to print.

High Power Flanged Attenuators

Physical Data



Power Derating Curve



Ordering Data

Prefix **HFR** - **PAT3042P** - **50R0** - **03** - **B**

Model
 PAT3042PLF = Surface Mount Attenuator with 100% Sn Terminations
 PAT3060PLF = Surface Mount Attenuator with 100% Sn Terminations

Impedance
 50R0 = 50Ω

Attenuation
 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 16, 20dB

Attenuation Tolerance