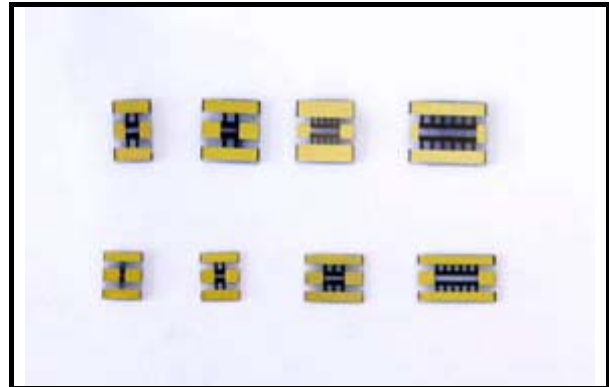


Resistive Elements for Step Attenuators

DESCRIPTION

Are used as microwave energy absorbers in step attenuators with 0-110, 0-66 and 0-11 dB attenuation with 10, 6, 1 dB steps correspondingly.

They are manufactured using a thin-film technology on the base of the resistive alloy PC5406K-Ni with electrolytic gold deposition in a contact area on BK 100-1 ceramic substrates (polycor).



OPERATING CONDITIONS

Operating temperature range: -50...+70 °C

Relative humidity: 98%

SPECIFICATIONS

Parameters	Frequency range, GHz	
	0-26	0-40
Input (output) resistance, Ohm:	50±1	50±1
Attenuation (dc), dB:	1.2; 4.5; 6.8; 10; 12; 20; 30; 40	5; 10; 20; 30; 40
Attenuation accuracy, dB:	±(0.1-0.2)	±0.2
Input power, W:		
cw	1	0.5
pulse	50	—
Number of switchings:	500000	500000
Dimensions, mm:		
	5x33x0.5	3.8x3x0.5
	5x4.5x0.5	3.8x4.5x0.5
	5x6x0.5	3.8x6x0.5
Weight, g, not more than:	0.2	0.2
Coaxial connector cross-section, mm:	3.5/1.52	2.4/1.04