

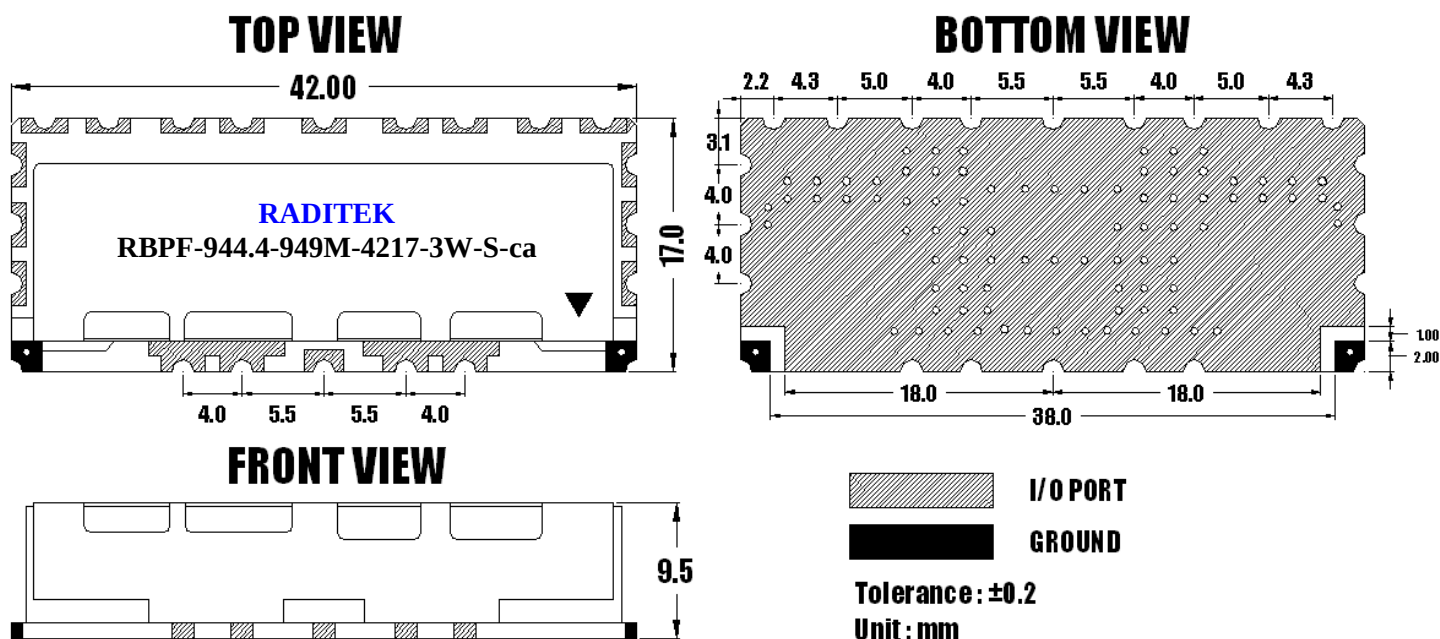
RADITEK INC.

Ceramic Band Pass Filter

code-j2

944.4 MHz to 949 MHz, Model 4217, 3 Watts, Surface Mount

RBPF-944.4-949M-4217-3W-S-ca



ELECTRICAL SPECIFICATIONS

ITEM	SPEC	Unit
1 Center Frequency [fo]	946.7	MHz
2 Bandwidth [BW]	$f_o \pm 2.3$ [944.4 ~ 949]	MHz
3 Insertion Loss in BW	10.0 max.	dB
4 Ripple in BW	3.0 max.	dB
5 V S W R in BW	2.0:1max.	Ratio
6 In/Out Impedance	50 Ω	
7 Input Power	3W max.	
8 Attenuation [Relative Value]	60.0 dBc min. @ 895 ~ 915 MHz	
	15.0 dBc min. @ $f_o - 3.3$ [943.4] MHz	
	15.0 dBc min. @ $f_o + 3.3$ [950.0] MHz	
9 Operation Temperature Range	-40 ° C to +85 ° C	

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Specifications may be subject to change

05/24/08

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com, E-mail: sales@raditek.com

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RECOMMENDED PC BOARD PATTERN

