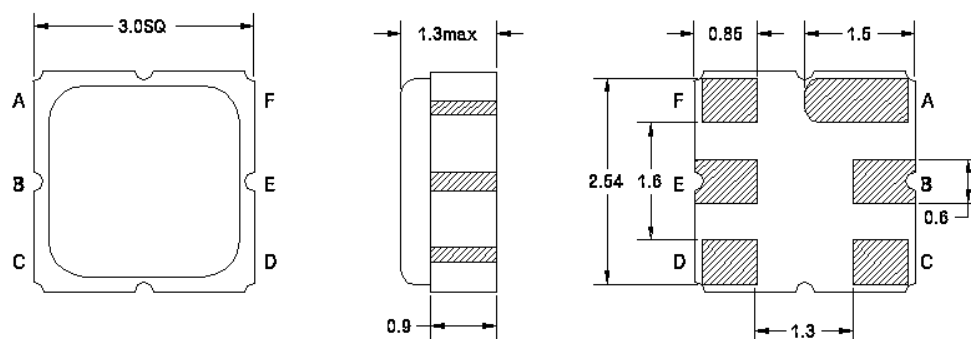


RADITEK INC.

Surface Acoustic Wave (SAW) Band Pass Filter 1930-1990MHz, 7.5 Volts, Surface Mount RSAW-BPF-1930-1990M-0303-7.5v-15d-S-k

code-k



PIN Descriptions: IN - E, OUT - B, GROUND – A,C,D,F

Specifications	Unit	Minimu	Typical	Maximum
Center Frequency (Fo)	MHz	-	1960	-
Insertion Loss (1930 ~ 1990 MHz)	dB	-	2.4	3.5
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Operating Temperature Range	°C	-30	-	+85
Amplitude Ripple within 1930 ~ 1990 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
D.C. ~ 1850 MHz	dB	20	32	-
1850 ~ 1910 MHz	dB	10	21	-
2030 ~ 2080 MHz	dB	35	45	-
2110 ~ 2170 MHz	dB	28	37	-
2170 ~ 2550 MHz	dB	25	34	-
VSWR (1930 ~ 1990 MHz)	-	-	1.7	2.5
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	15
Package type & size		M		
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

Notes : (1) With Matching Network (Ref. Testing Environment Circuit as shown below).

Those impedances could be modified with different impedance values and/or structures, if necessary

TESTING ENVIRONMENT

RSAW-BPF-1930-1990M-0303-7.5v-15d-S-k

Specifications may be subject to change

02/04/09

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

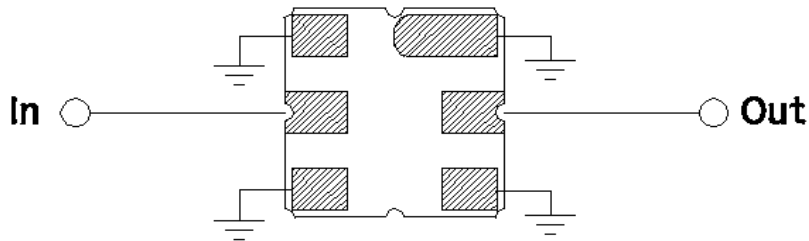
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Source & Load Impedance: 50 Ω

FREQUENCY RESPONSE

