

RADITEK INC.

SAW Band Pass Filter

code-p2

1452MHz to 1492MHz, 10 dBm Input Power, 3 Volts, Surface Mount
RSAW-BPF-1452-1492M-0303-10d-3V-S-p2

MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: -20°C to +50°C
4. Storage Temperature: -40°C to +85°C

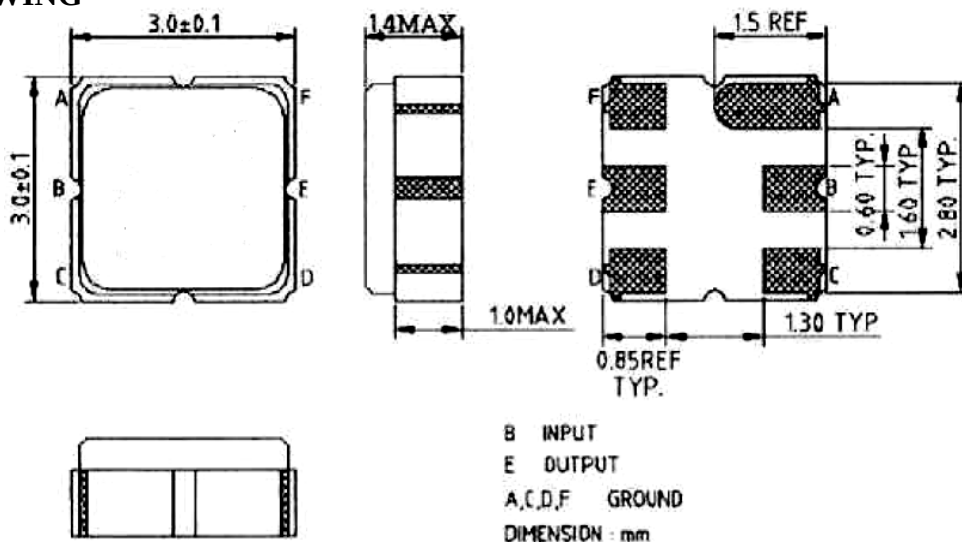
PRELIMINARY

ELECTRICAL CHARACTERISTICS:

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fc)	MHz	-	1472	-
Insertion Loss (1452 ~ 1492 MHz)	dB	-	3.5	5.0
Amplitude ripple (p-p) 1452 ~ 1492 MHz	dB	-	0.9	2.0
Attenuation (Reference level from 0 dB):				
1710 ~ 1785 MHz	dB	10.0	23.5	-
1920 ~ 3120 MHz	dB	25.0	28.0	-
3120 ~ 4000 MHz	dB	17.0	30.0	-
Source Impedance Z _S	Ω	-	50	-
Load Impedance Z _L	Ω	-	50	-
Temperature Coefficient	36ppm /deg C			

Notes : (1) Note1. No matching network required for operation at 50 Ω

OUTLINE DRAWING



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Specifications may be subject to change

02/18/09

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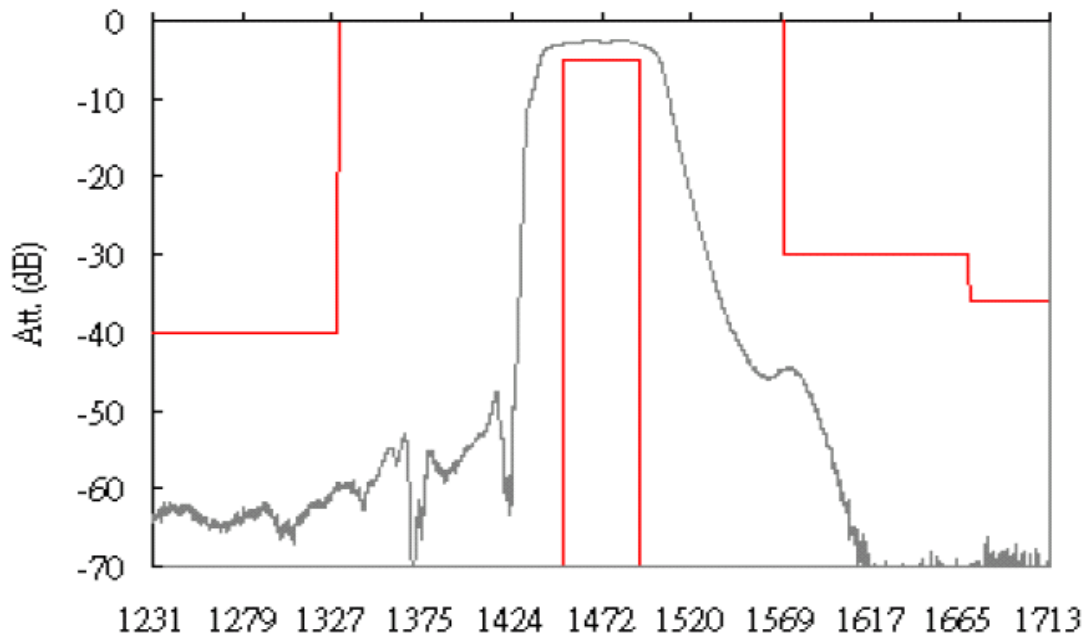
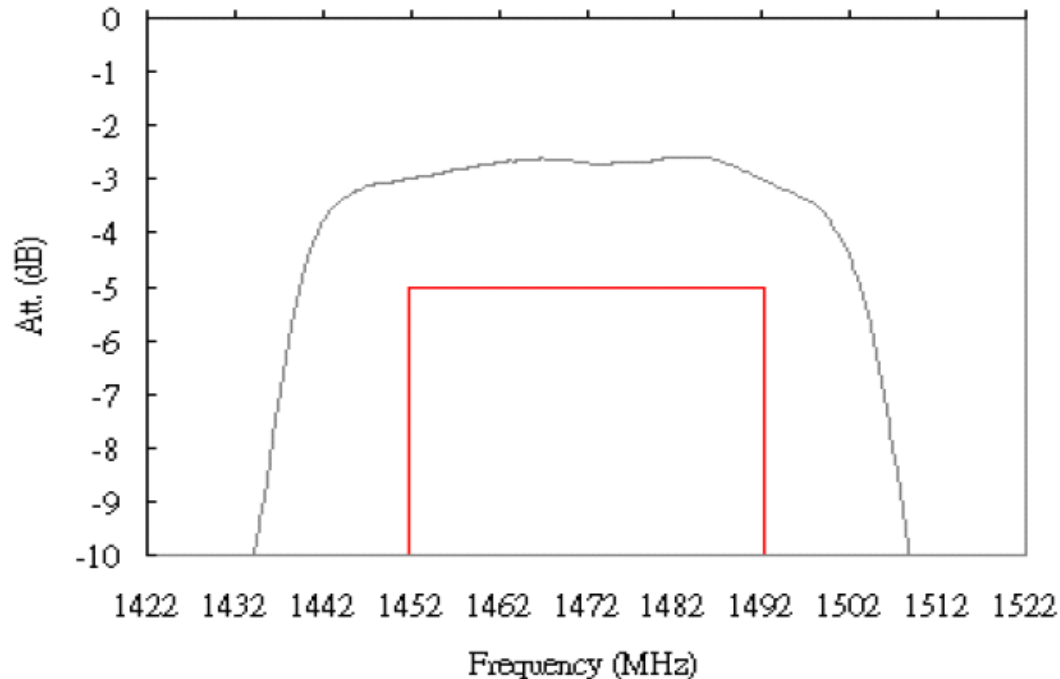
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C Transfer Function



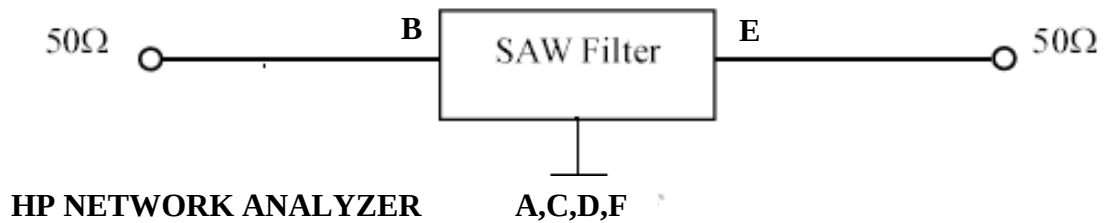
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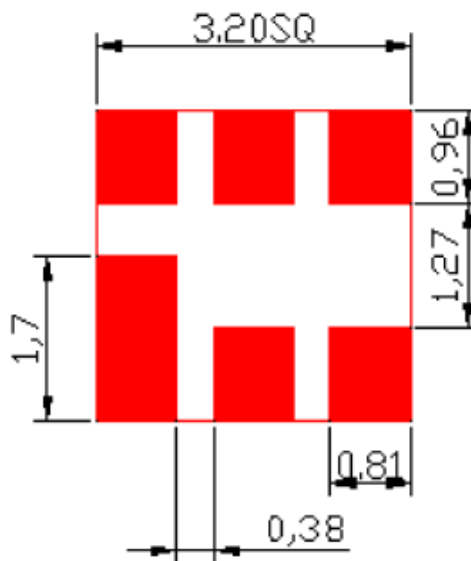
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MEASUREMENT CIRCUIT



PCB FOOTPRINT

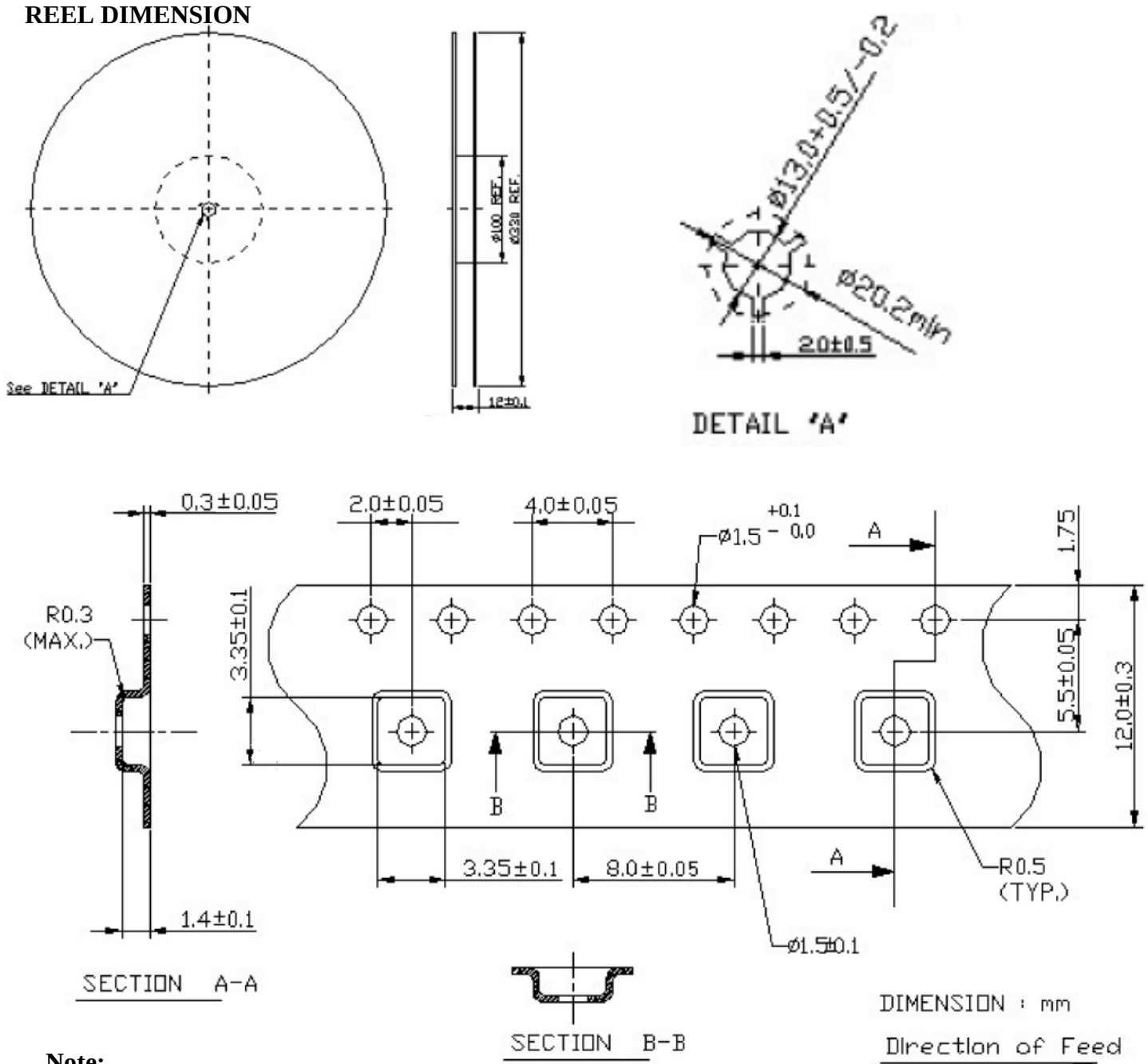


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Note:

1. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.