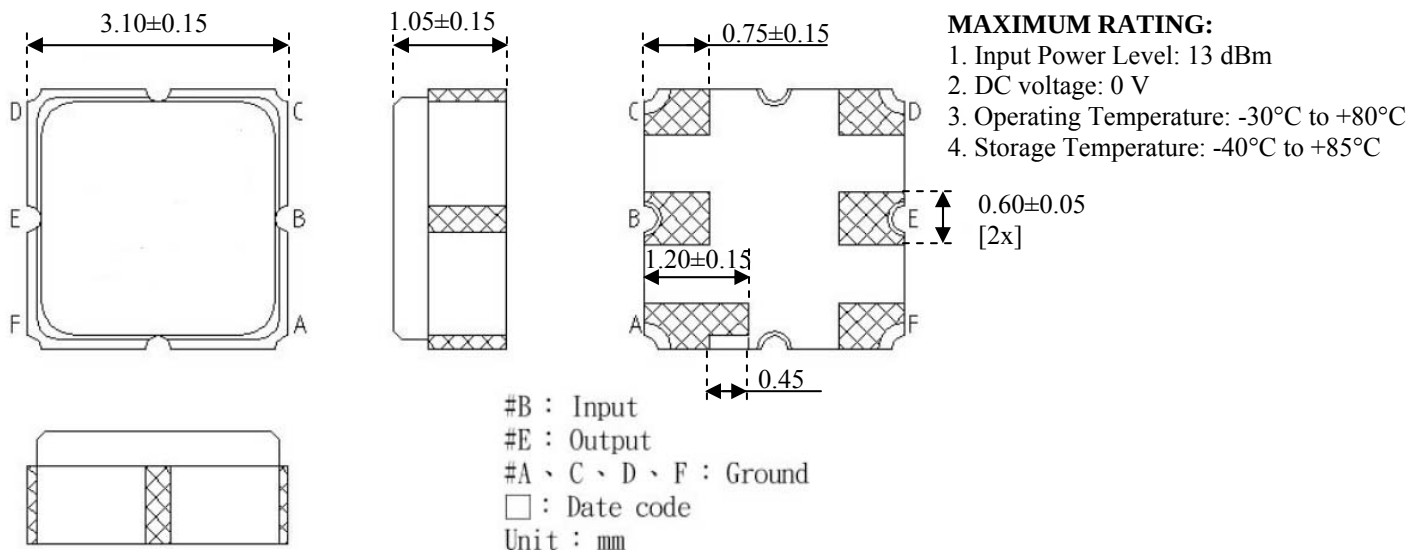


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SAW Band Pass Filter for Mobile Communication 2110MHz to 2170MHz, 13 dBm Input Power, Surface Mount RSAW-BPF-2110-2170M-0303-13d-S-p2

code-p2



Specifications	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	2140	-
Insertion Loss	dB	-	2.1	3.5
Amplitude ripple	dB	-	0.6	2.0
Attenuation (Reference level from 0 dB):				
D.C. ~ 500 MHz	dB	20	32	-
500 ~ 1900 MHz	dB	10	21	-
1900 ~ 2050	dB	35	45	-
2215 ~ 2300	dB	28	37	-
2300 ~ 4500	dB	25	34	-
VSWR (2110 ~	-	-	1.9	2.2
Source	Ω	-	50	-
Load Impedance	Ω	-	50	-

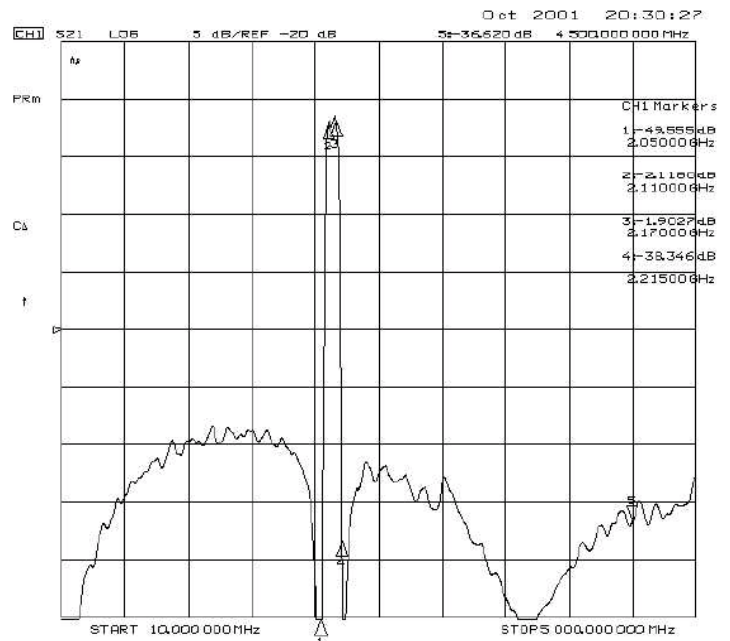
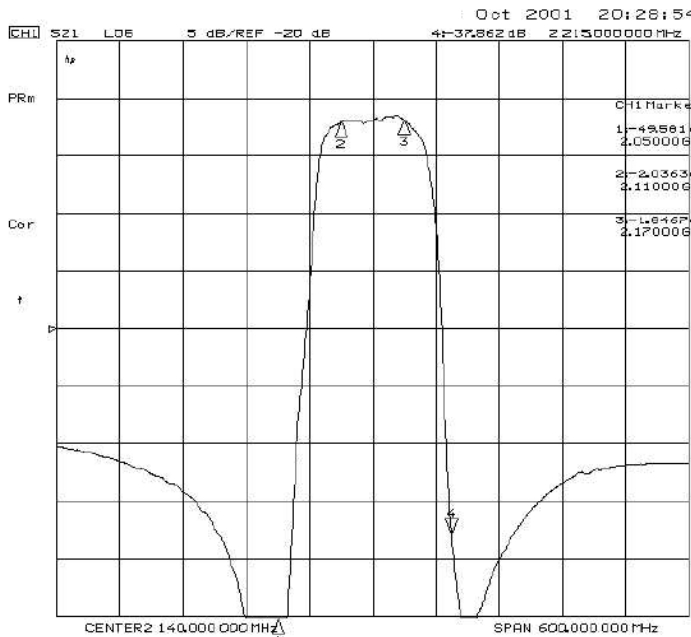
Notes : (1) Note1. No matching network required for operation at 50 Ω

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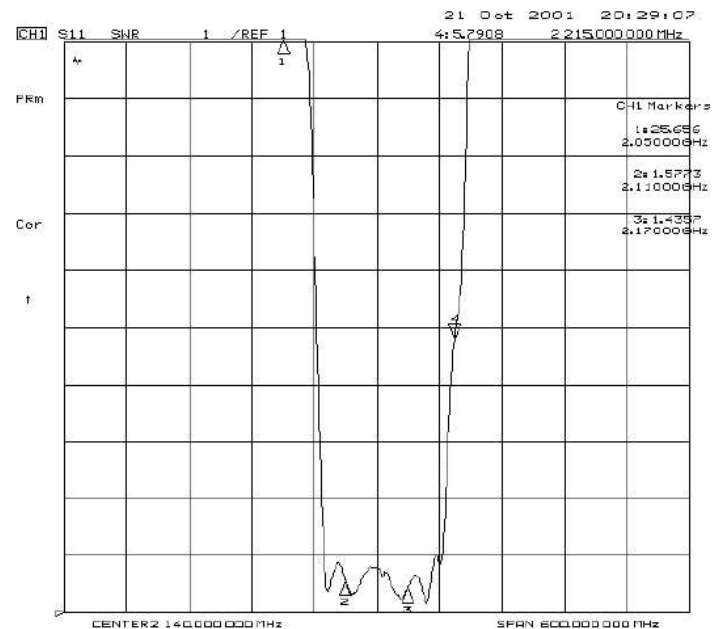
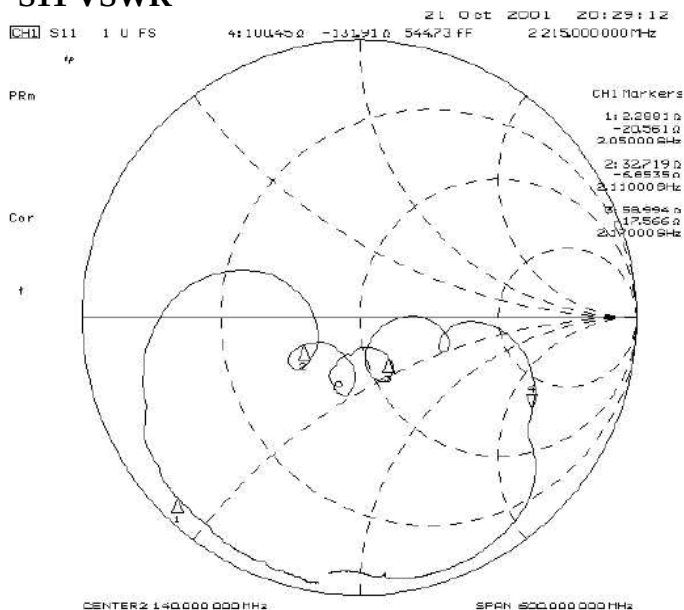
SAW Band Pass Filter for Mobile Communication 2110MHz to 2170MHz, 13 dBm Input Power, Surface Mount RSAW-BPF-2110-2170M-0303-13d-S-p2

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Frequency Characteristics: Transfer function



Reflections Functions S11 VSWR



RSAW-BPF-2110-2170M-0303-13d-S-p2

Specifications may be subject to change

02/18/09

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

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

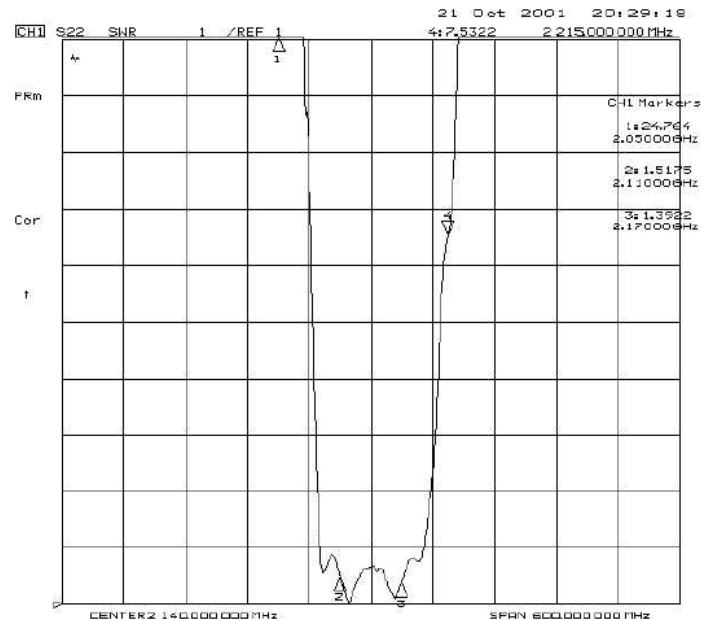
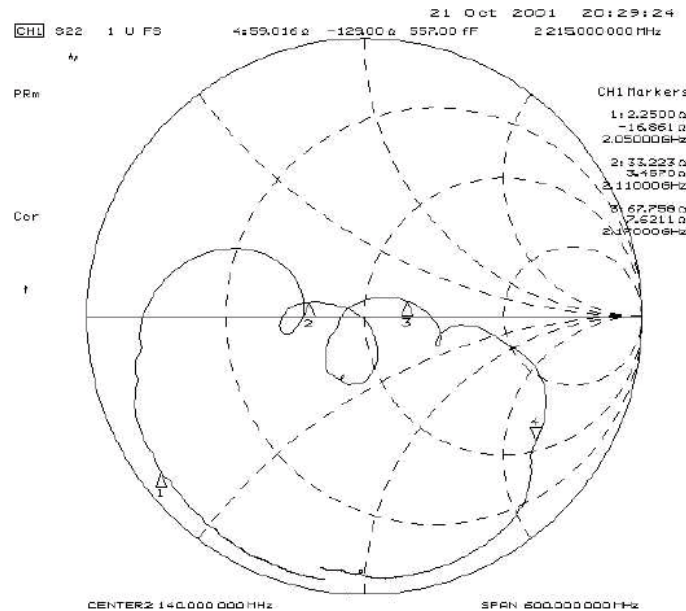
WEB: www.raditek.com, E-mail: sales@raditek.com

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S22 VSWR

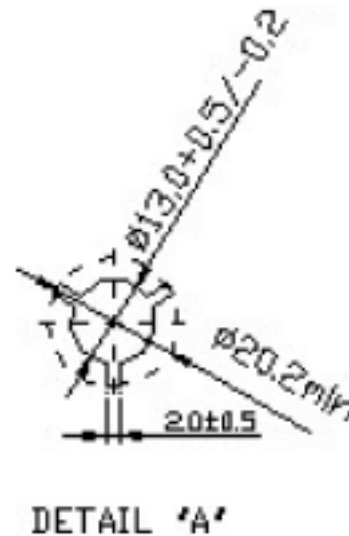
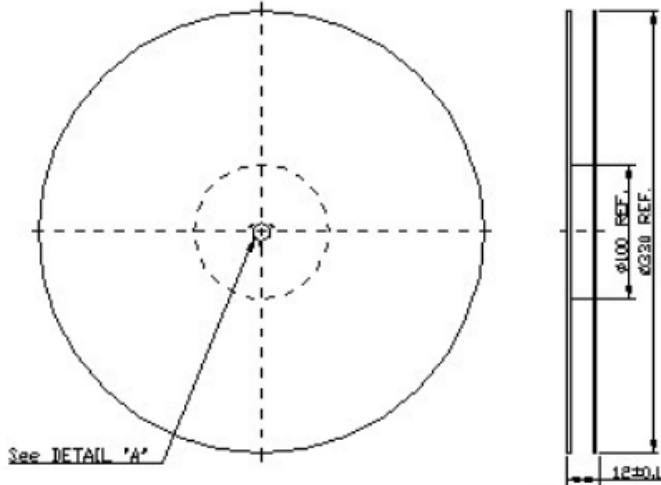


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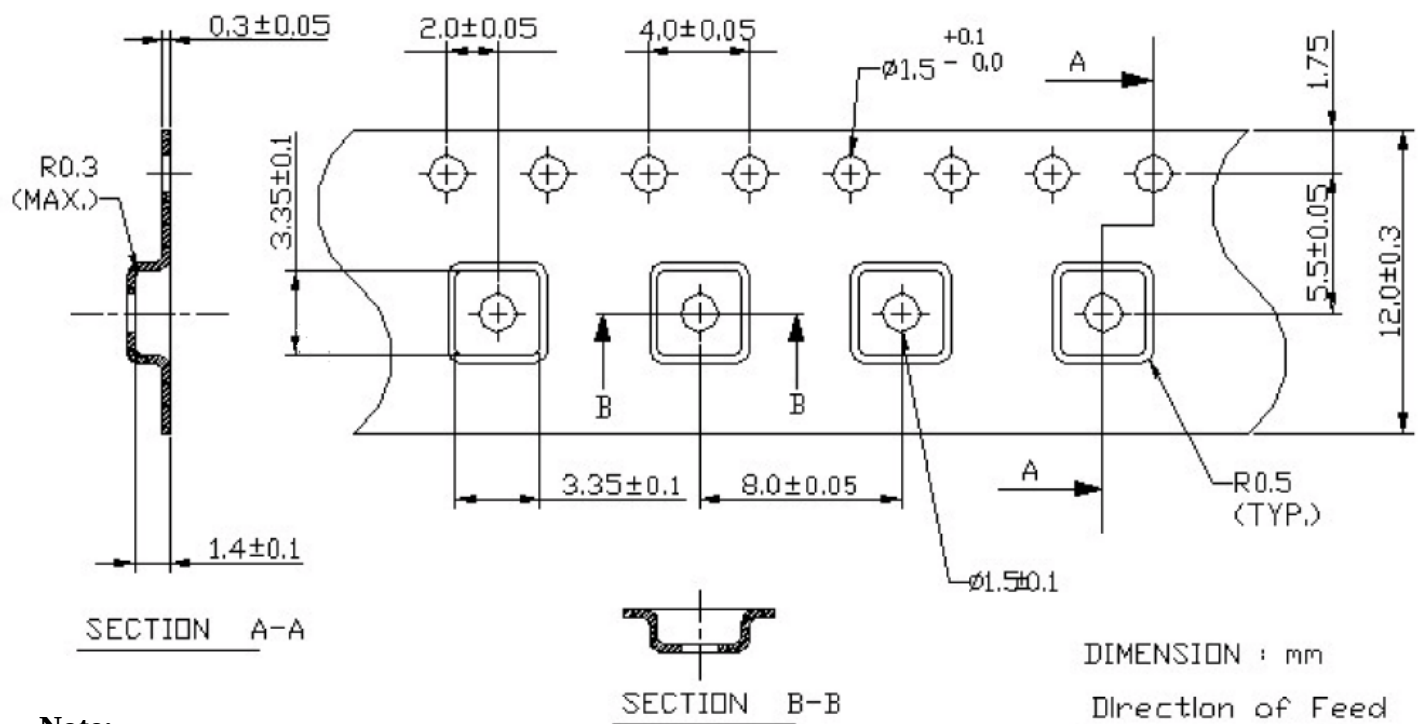
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code-p2

REEL DIMENSION



TAPE DIMENSION



Note:

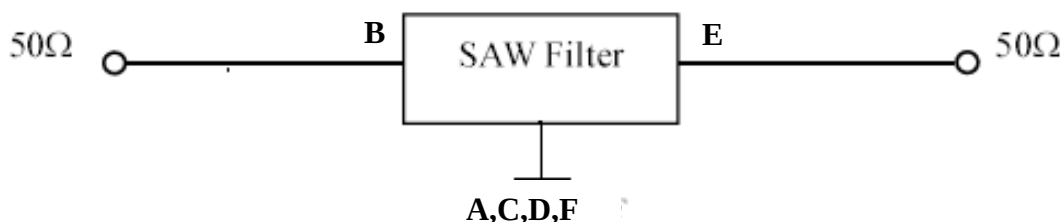
1. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.

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MEASUREMENT CIRCUIT



Re-Flow Profile:

1. Preheating shall be fixed at 140 ~ 160 °C for 60 ~ 90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 200°C for 50 ~ 60 seconds and at 230 +/- 10°C peak.

