



RFM Integrated Device, Inc.

PRODUCT SPECIFICATION

Part Number: SF2408E-1

Description:
FILTER, 2130.000 MHz, BW
60.0 MHz, IL 5.0 dB

Preliminary

A. MAXIMUM RATING:

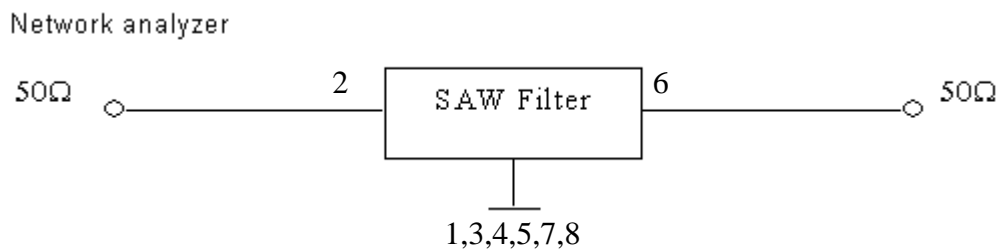
1. Input Power Level: 15 dBm
2. DC Voltage : 3V
3. Operating Temperature: 25°C
4. Storage Temperature: -20°C to +85°C



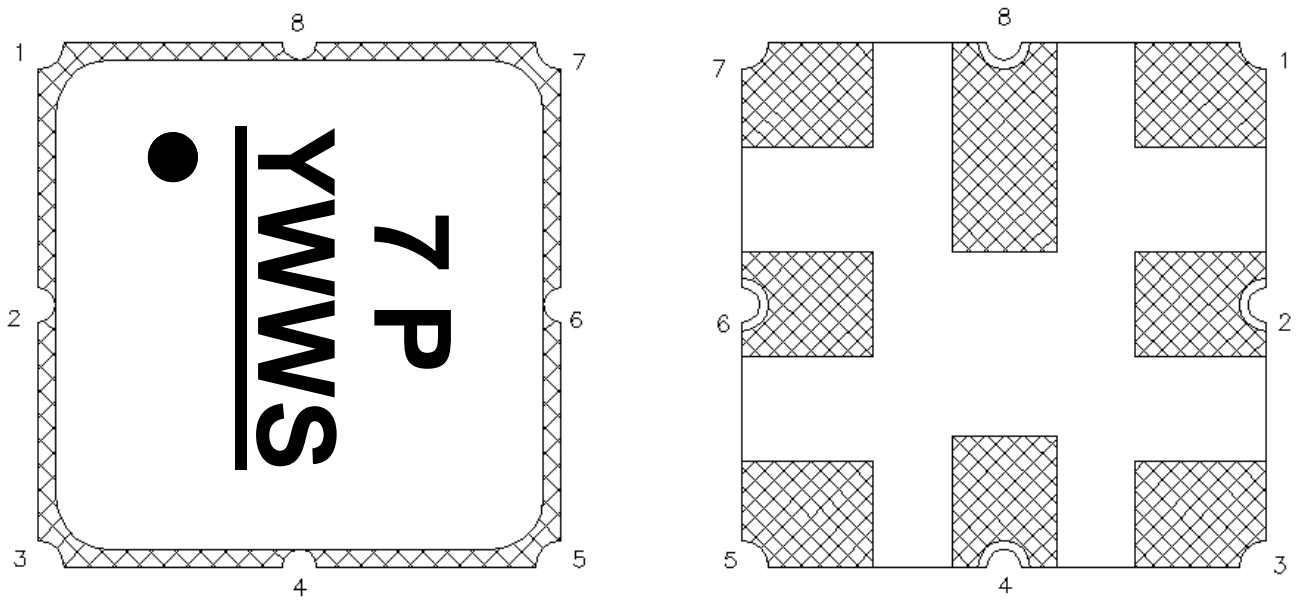
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min	Typical	Max
Center Frequency Fc	MHz		2130	
Insertion Loss (2100~2160 MHz)	dB	--		5
Bandwidth(2.5dB)	MHz	60		--
Amplitude Ripple (2100~2160 MHz)	dB	--		2.5
Attenuation (Reference level from fc, dB)				
10 ~ 2060 MHz	dB	35		--
2200 ~ 3400 MHz	dB	38		--
3400 ~ 3600 MHz	dB	35		--
3600 ~ 4500 MHz	dB	20		--
Input / Output Impedance	Ω	50		

C. Measurement Circuit:

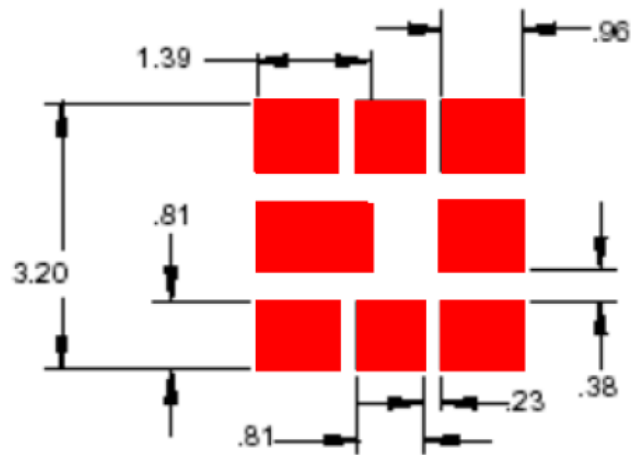


D.Outline Drawing:

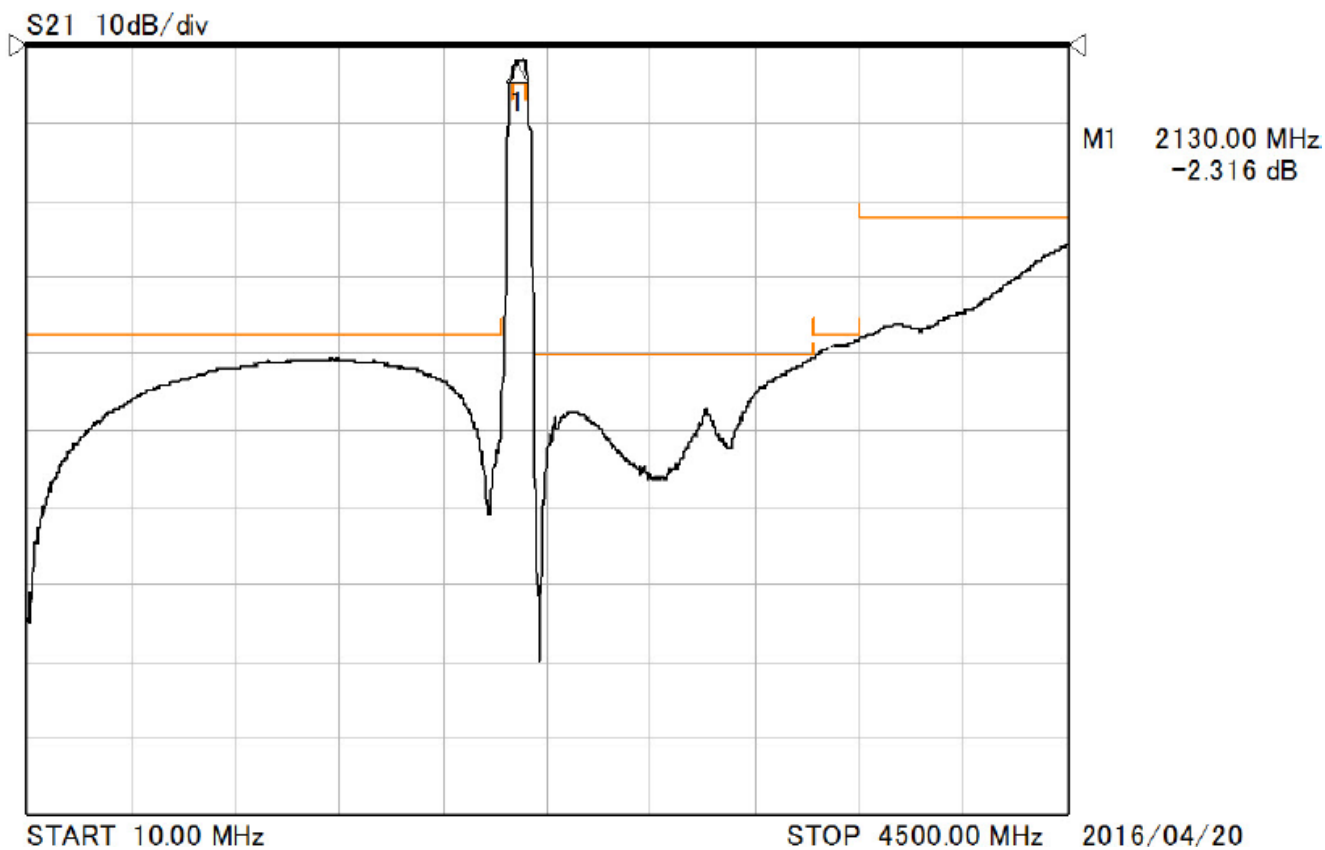
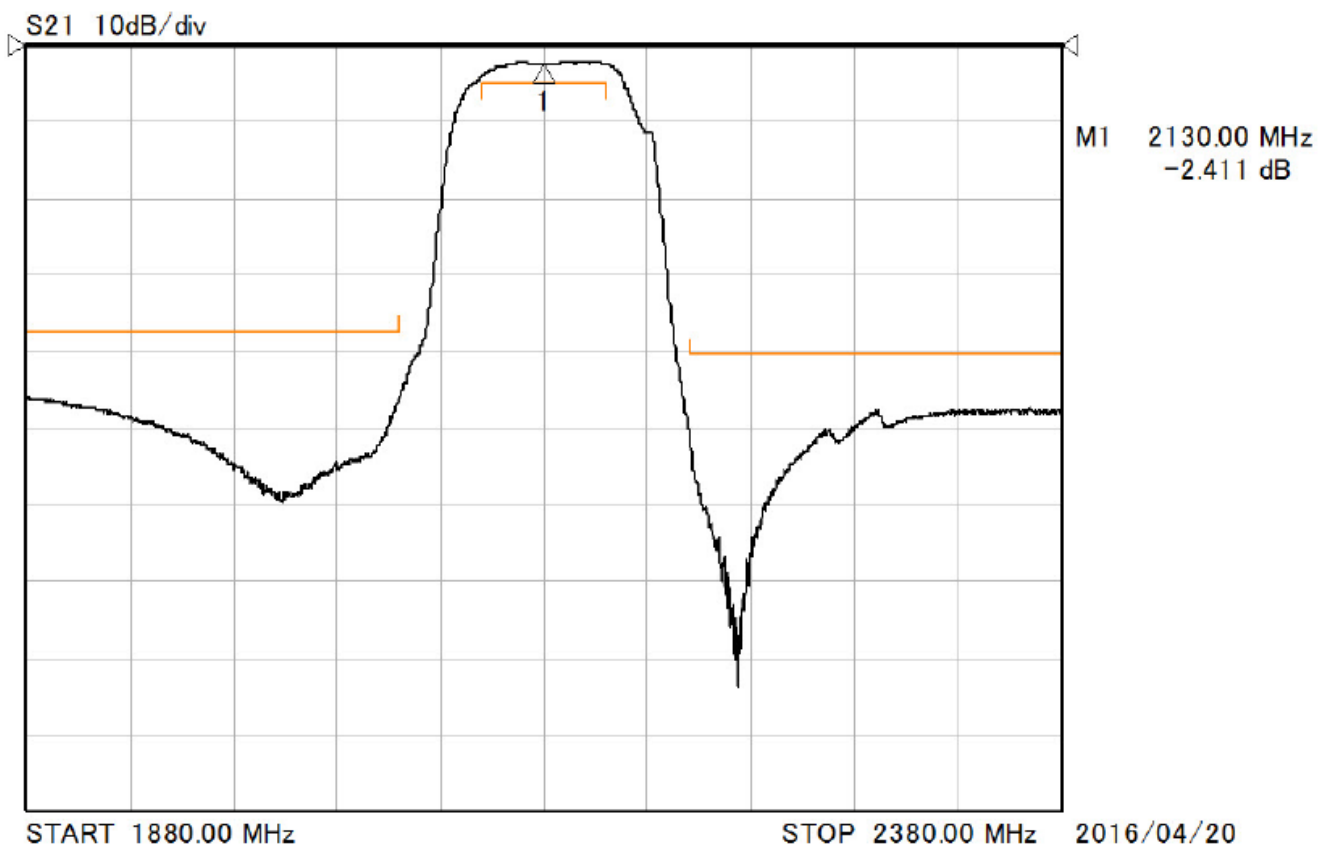


Y = Year, WW = Week, S = Shift

E. PCB Footprint:

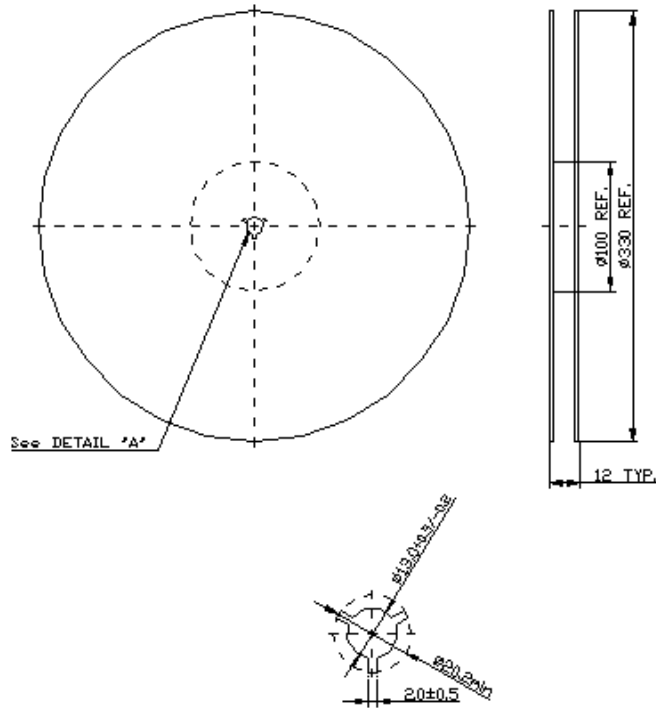


F. Frequency Characteristics :

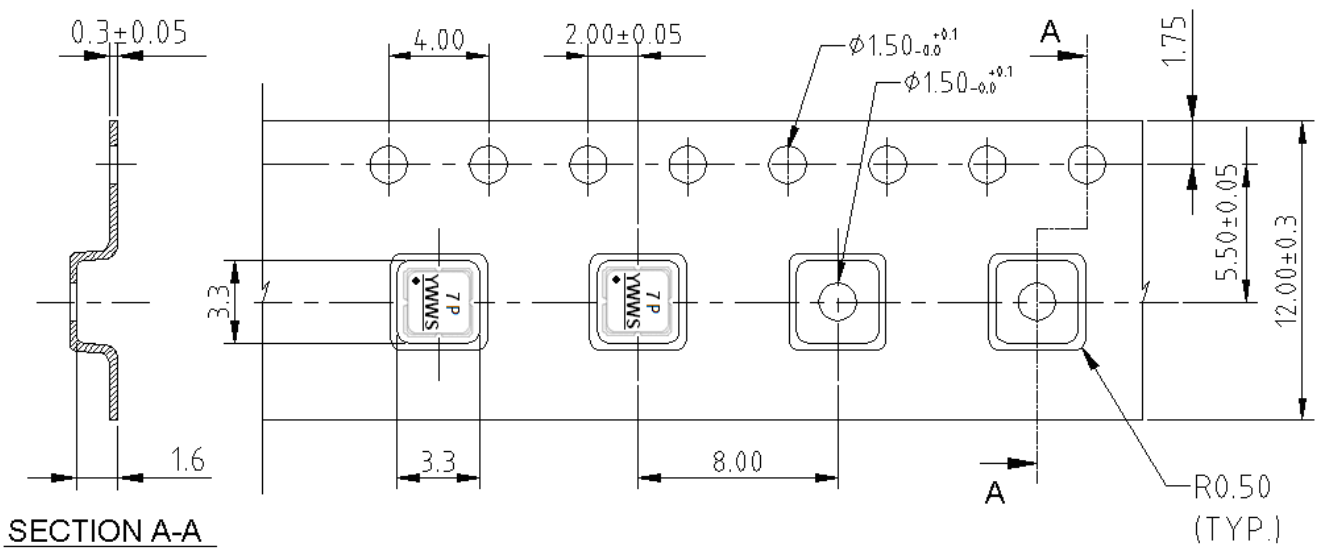


G. Packing:
 1. REEL DIMENSION

Reel Count:
 7" 500
 13" = 3000



2. TAPE DIMENSION



H. Recommended Reflow Profile:

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C +0/-5°C peak (20~40sec).
4. Time: 2 times.

