



RFM Integrated Device, Inc.

PRODUCT SPECIFICATION

Part Number: SF2402E-1

Description:
FILTER, 2010.000 MHz, BW
40.0 MHz, IL 5.0 dB

Preliminary

A. MAXIMUM RATING:

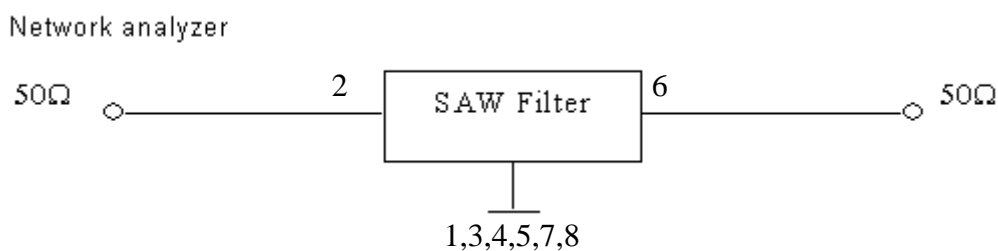
1. Input Power Level: 15 dBm
2. DC Voltage : 3V
3. Operating Temperature: 25°C
4. Storage Temperature: -20°C to +85°C



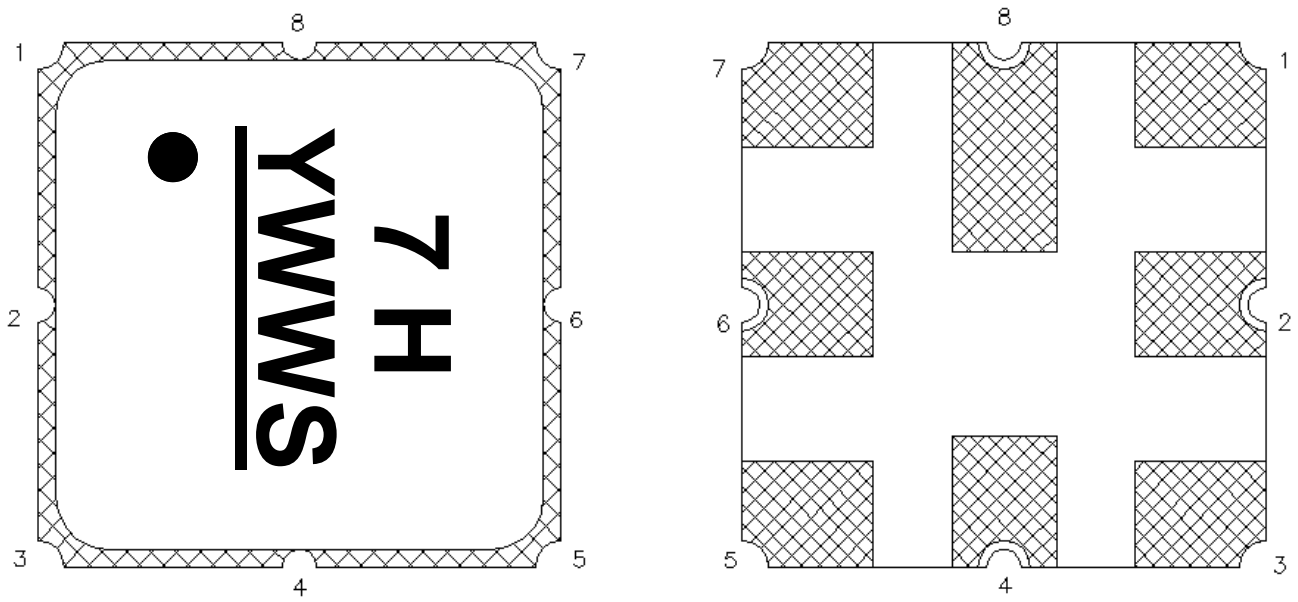
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min	Typical	Max
Center Frequency Fc	MHz		2010	
Insertion Loss (1990~2030 MHz)	dB	--		5
Bandwidth(2dB)	MHz	40		--
Amplitude Ripple (1990~2030 MHz)	dB	--		1.5
Attenuation (Reference level from fc, dB)				
10 ~ 1950 MHz	dB	27		--
2070 ~ 3700 MHz	dB	35		--
3700 ~ 4500 MHz	dB	15		--
Input / Output Impedance	Ω	50		

C. Measurement Circuit:

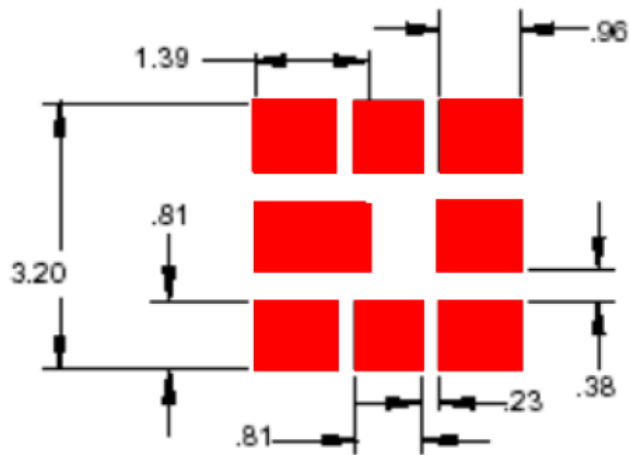


D.Outline Drawing:

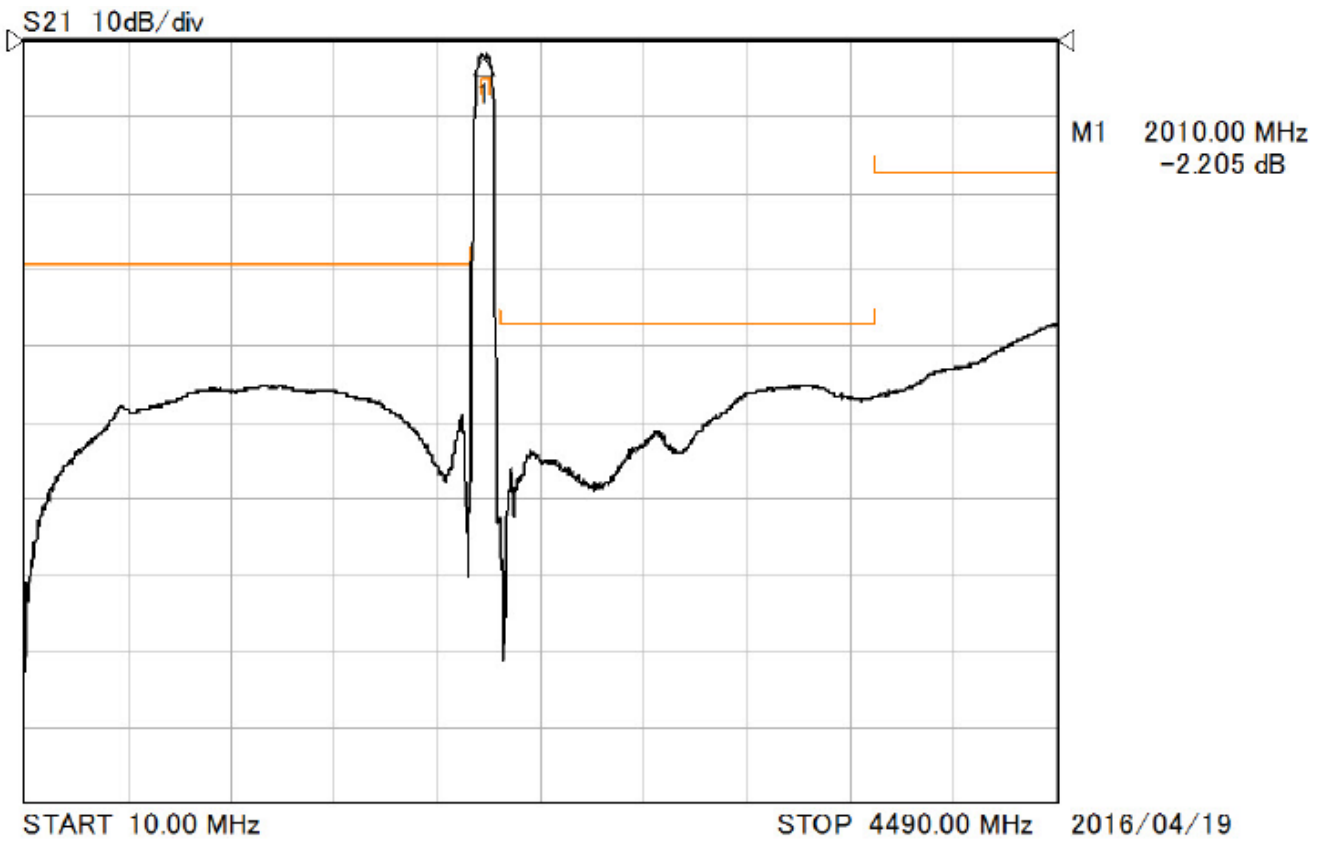
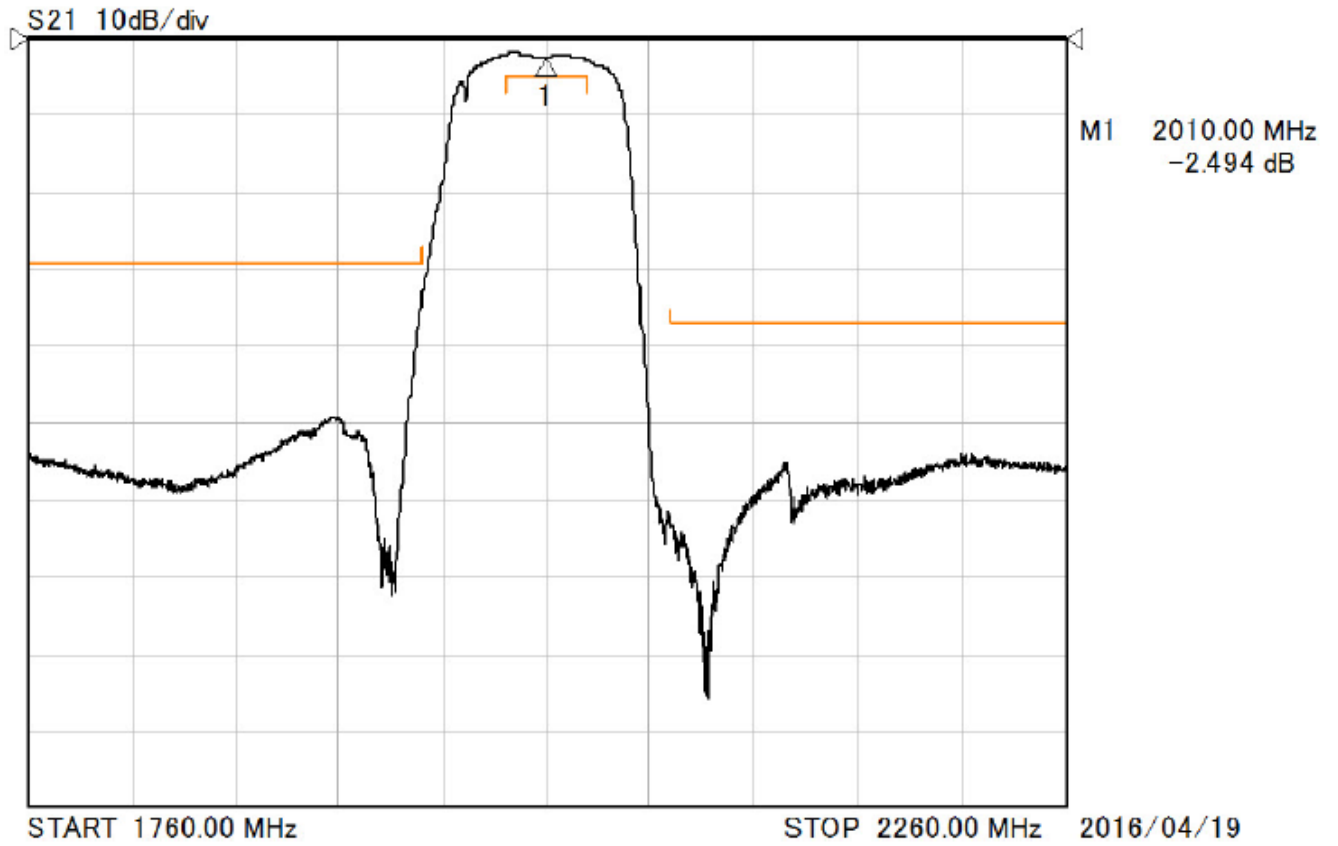


Y = Year, WW = Week, S = Shift

E. PCB Footprint:



F. Frequency Characteristics :



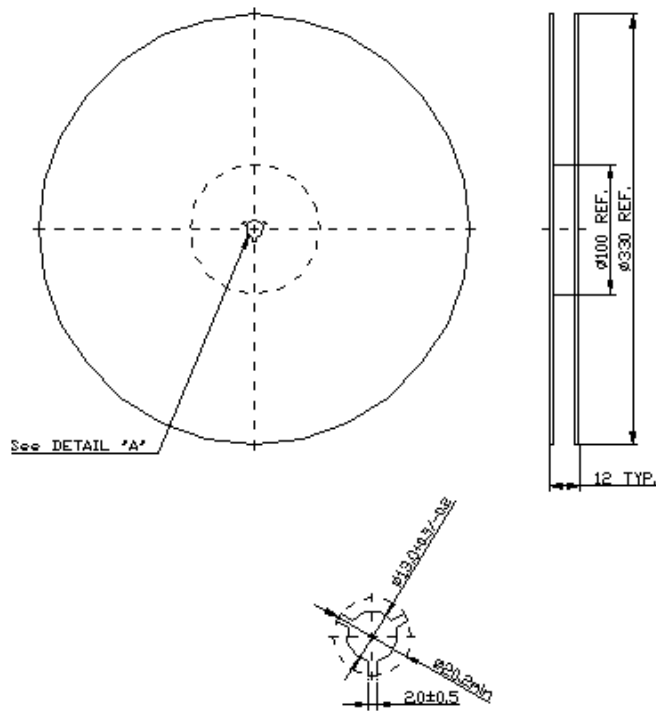
G. Packing:

1. REEL DIMENSION

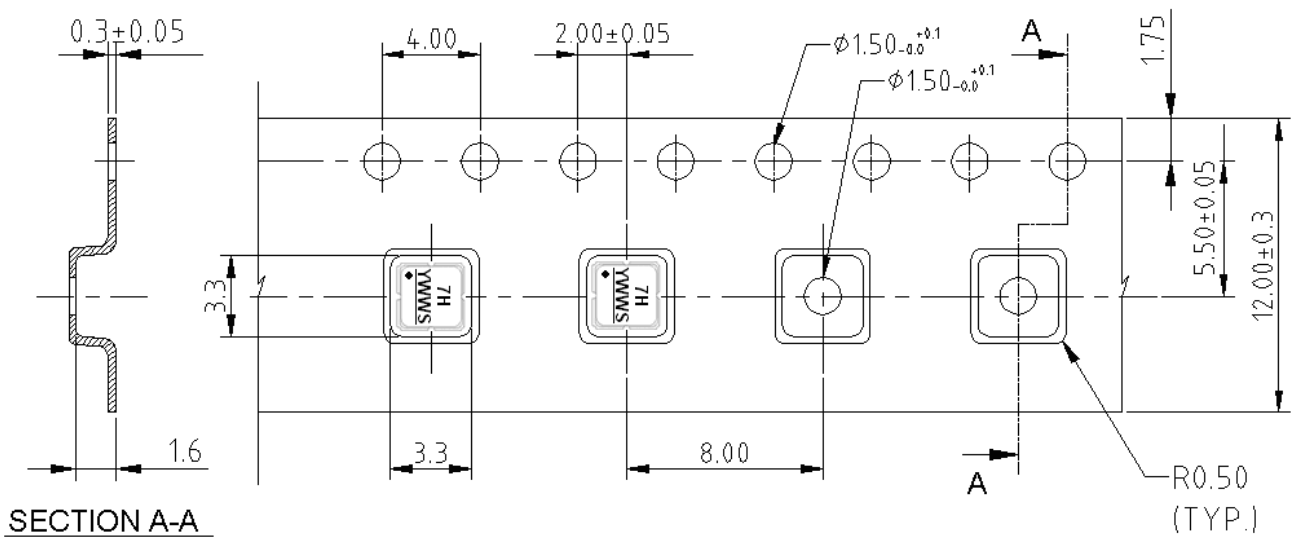
Reel Count:

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.

