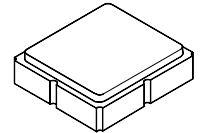


SF2658E

**763 MHz
SAW Filter**



SM3030-8

MAXIMUM RATING:

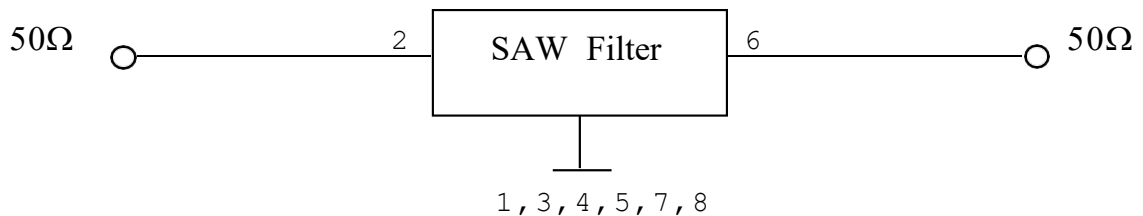
- Input Power Level: 5 dBm
- DC Voltage : 3V
- Operating Temperature: -10°C to +55°C
- Storage Temperature: -20°C to +85°C
- Moisture Sensitivity Level: 1
- AEC-Q200 Qualified

ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	763	-
Insertion Loss (758~768 MHz)	dB	-	1.4	3
Amplitude Ripple (758 ~ 768 MHz)	dB	-	0.4	1.5
I/O Return Loss (758 ~ 768 MHz)	dB	10	16	-
Attenuation (Reference level from 0 dB)				
0 ~ 708 MHz	dB	30	40	-
788 ~ 798 MHz	dB	52	59	-
873 ~ 973 MHz	dB	40	42	-
1200 ~ 2000 MHz	dB	25	45	-

MEASUREMENT CIRCUIT:

HP Network analyzer

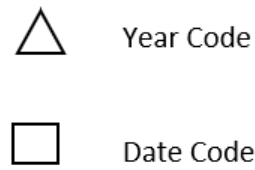
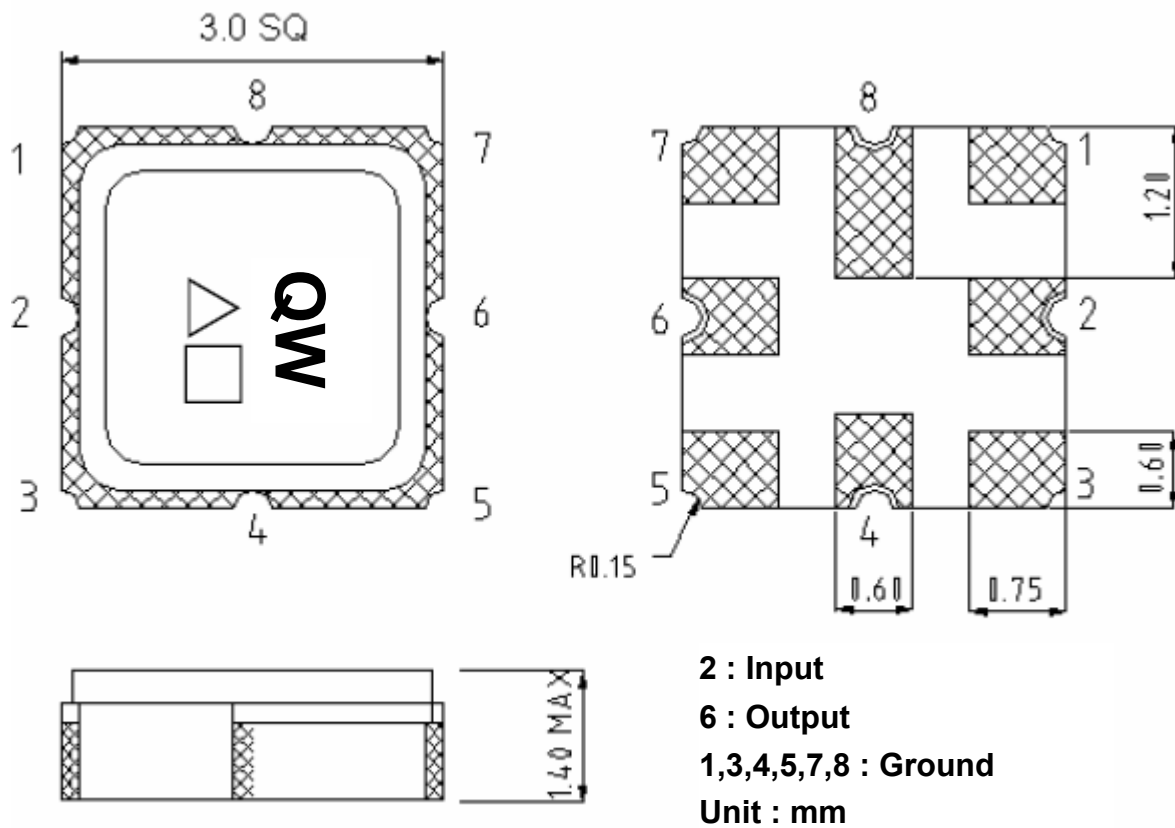


CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.

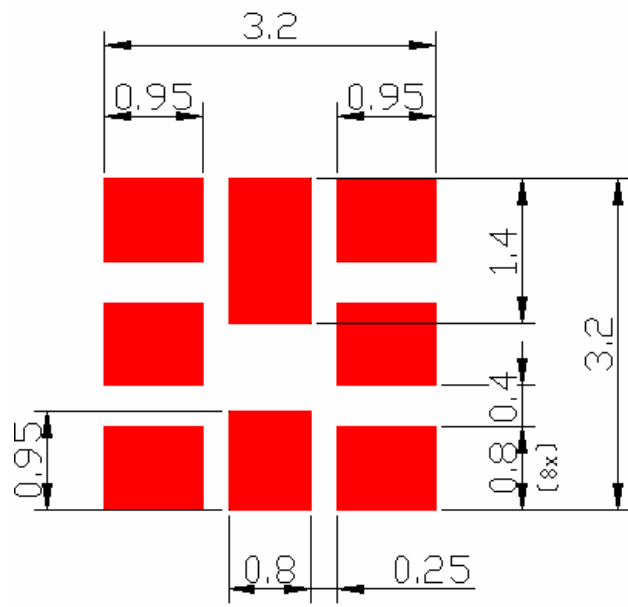
NOTES:

1. The design, manufacturing process, and specifications of this device are subject to change.
2. US or International patents may apply.
3. RoHS compliant from the first date of manufacture.

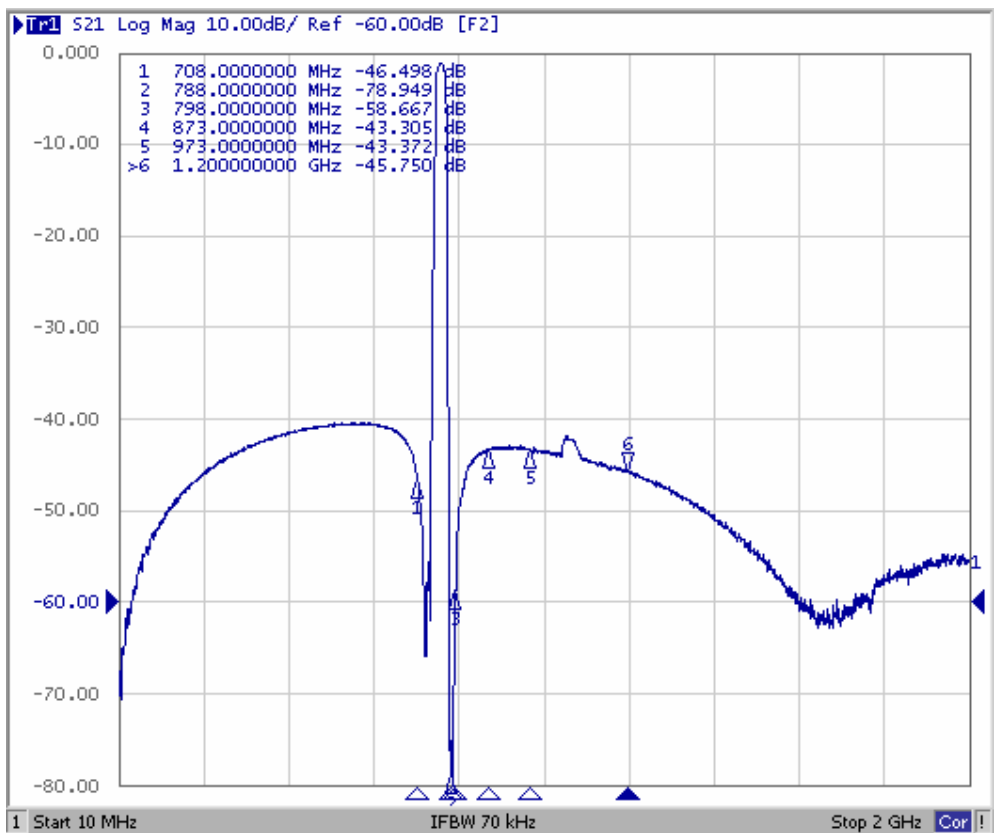
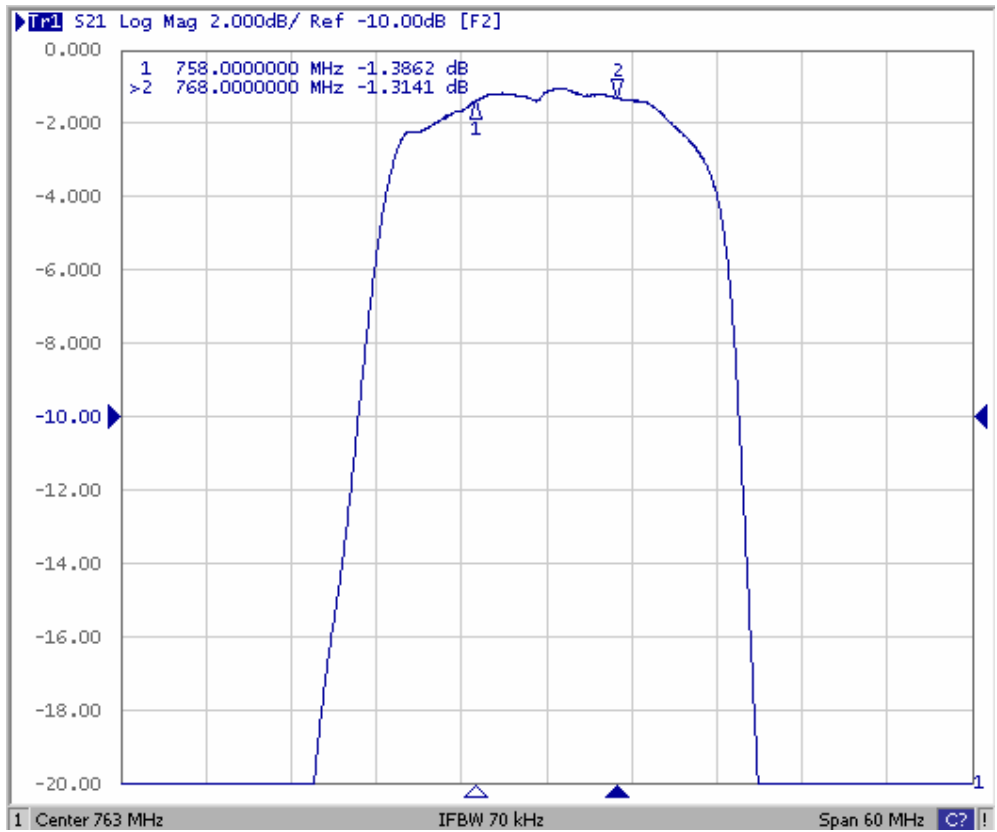
OUTLINE DRAWING:



PCB Footprint:

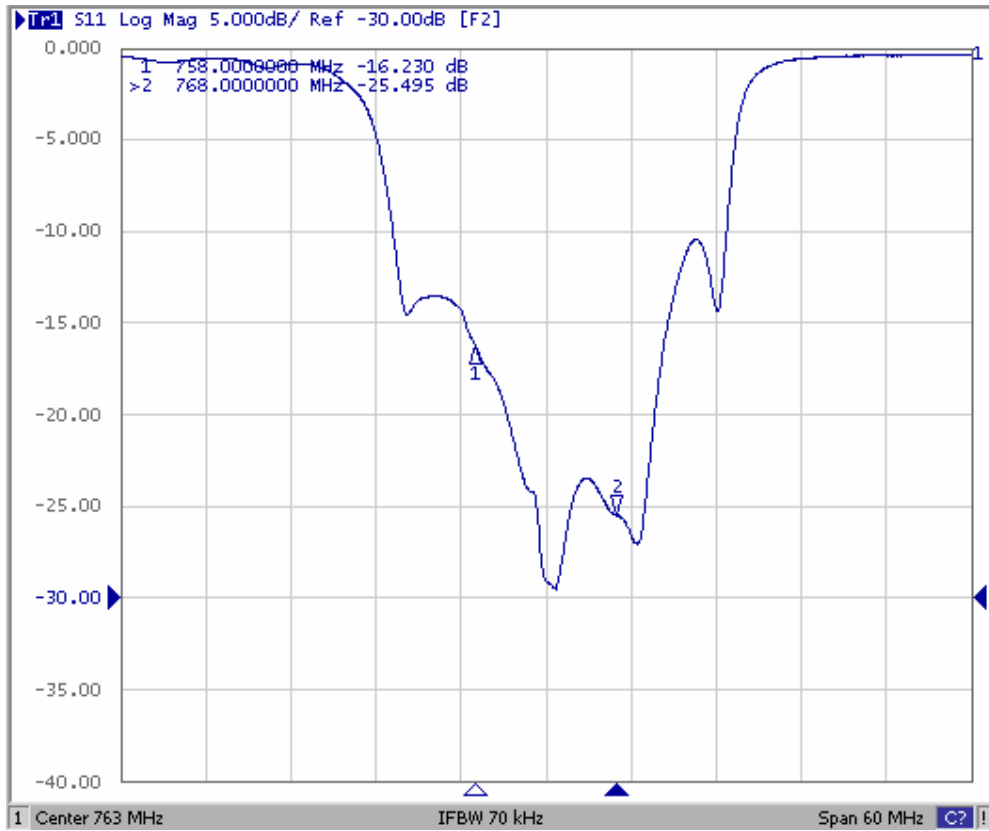


Frequency Characteristics:

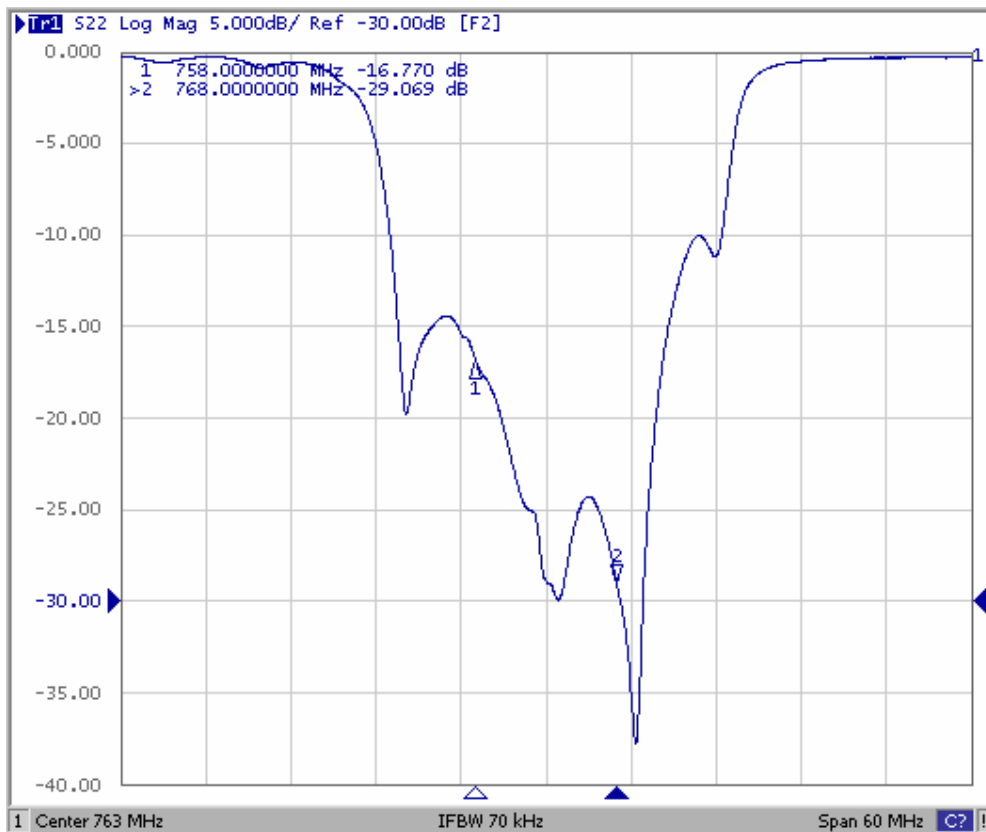


Reflection Functions :

S11



S22



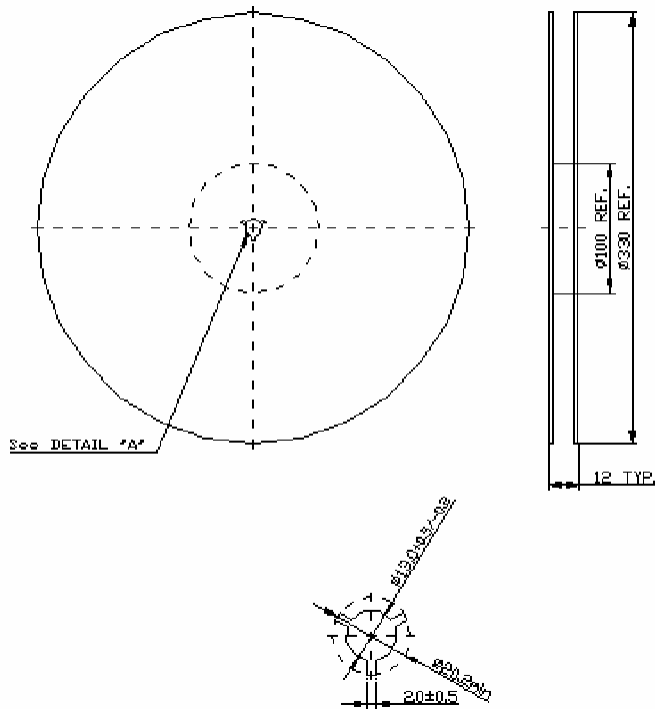
PACKING:

1. REEL DIMENSION

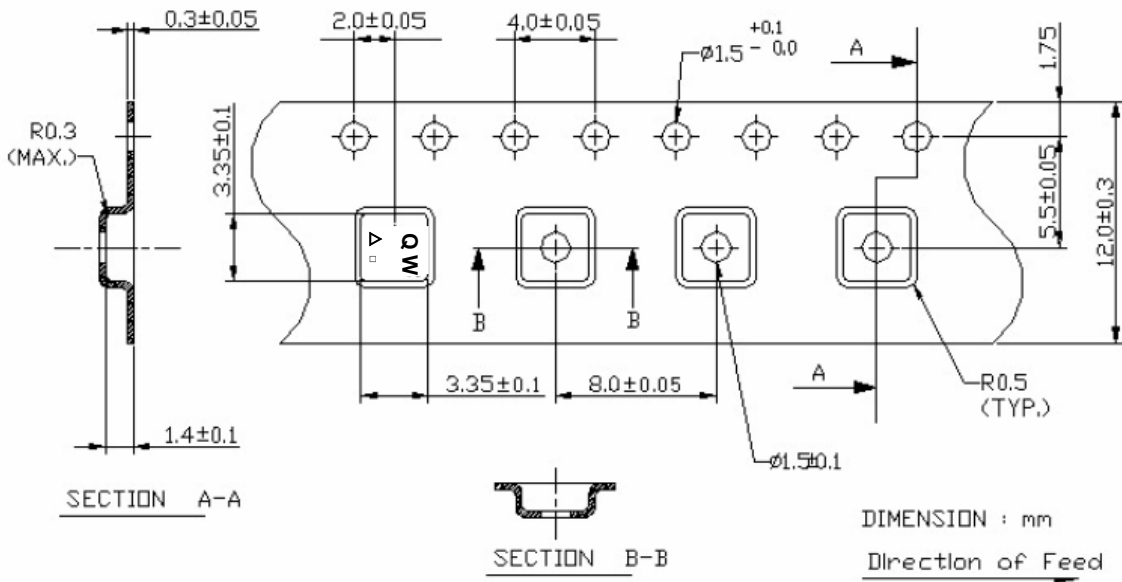
Reel Count:

7" = 500

13" = 3000



2. TAPE DIMENSION



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 (10 seconds).
4. Time: 5 times maximum.

