

SAW Filter 862.0MHz
Part No: MP08147

Ref No: TA1284A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 16dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

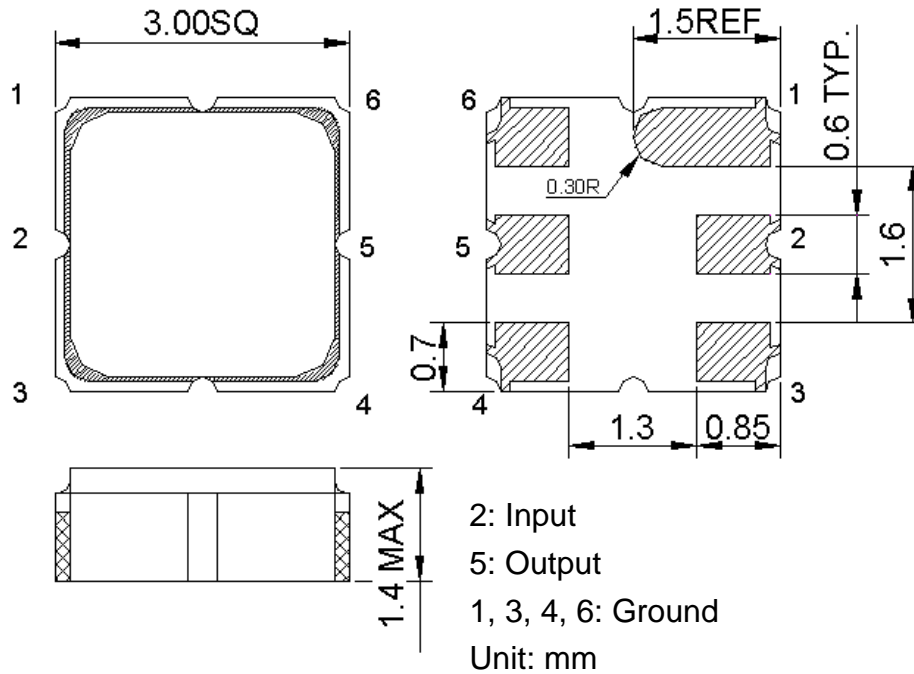
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	862	-	-
Insertion Loss (854 ~ 870MHz) IL	dB	-	2	2.8	-
Amplitude Ripple (854 ~ 870MHz)	dB	-	0.4	1	-
VSWR (854 ~ 870MHz)		-	1.5	2	-
Attenuation (Reference level from 0dB)					
40 ~ 200MHz	dB	40	68	-	-
650 ~ 800MHz	dB	20	50	-	-
800 ~ 830MHz	dB	15	41	-	-
885 ~ 902MHz	dB	6	14	-	-
990 ~ 1025MHz	dB	45	65	-	-
1025 ~ 1600MHz	dB	50	55	-	-
1600 ~ 3000MHz	dB	25	29	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

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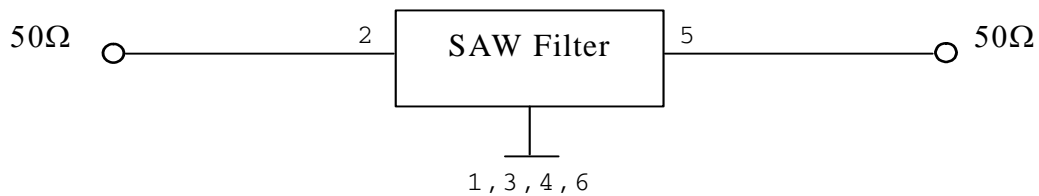
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C. OUTLINE DRAWING:

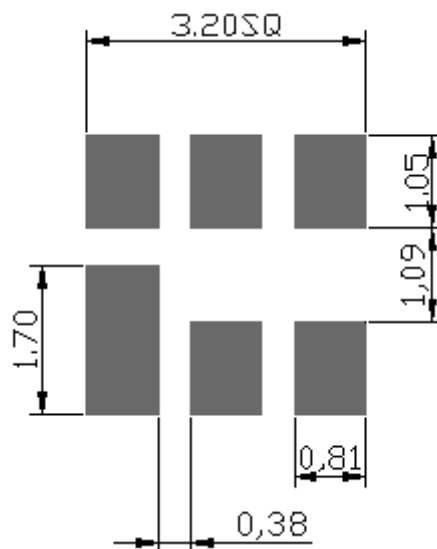


D. MEASUREMENT CIRCUIT:

HP Network analyzer



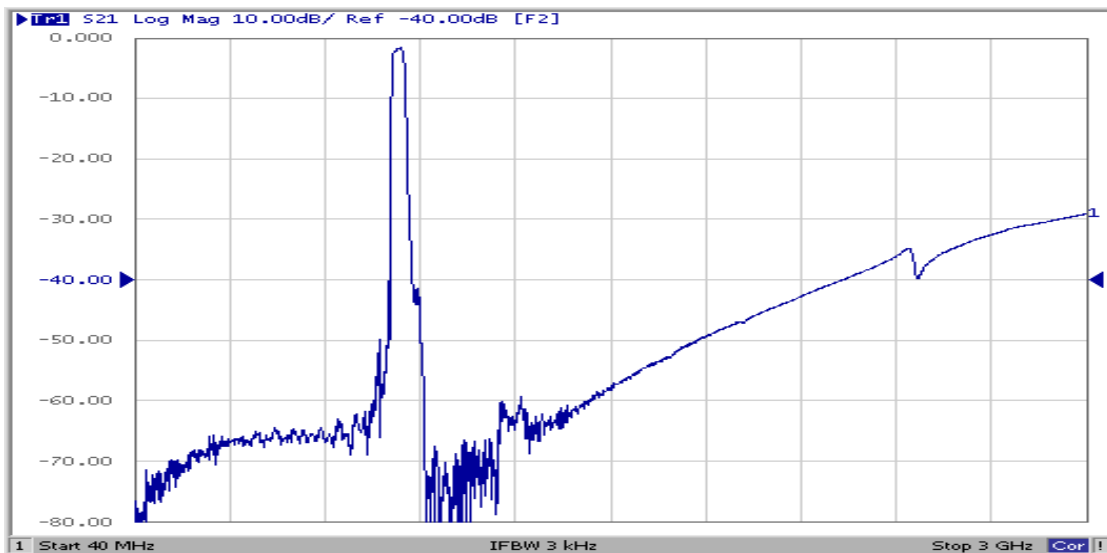
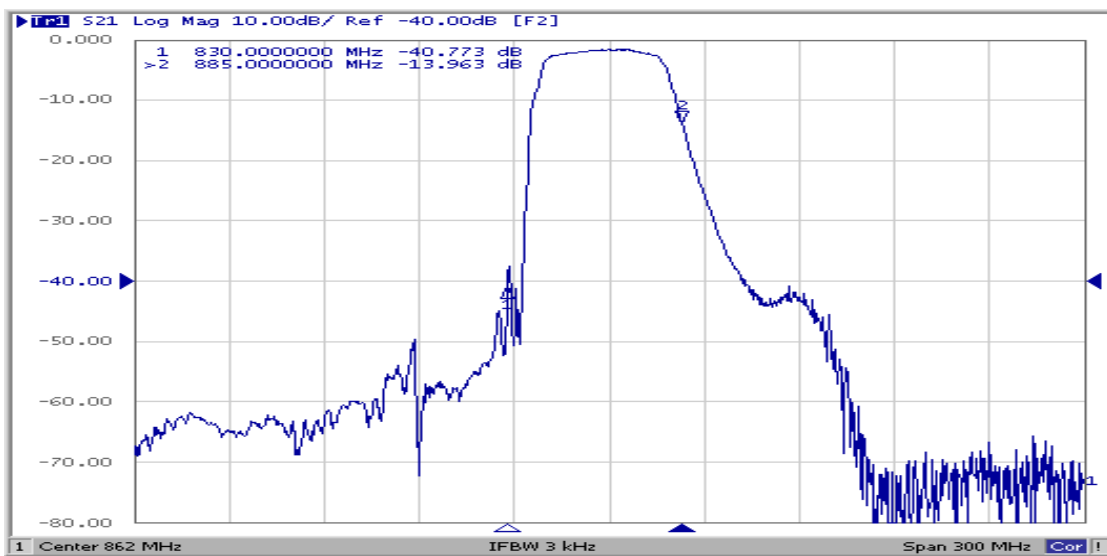
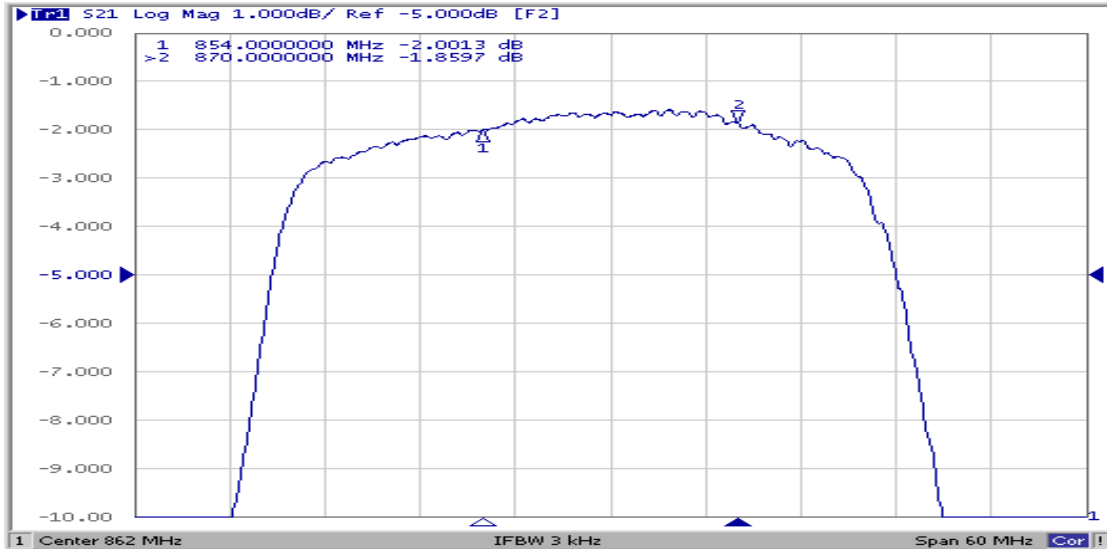
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

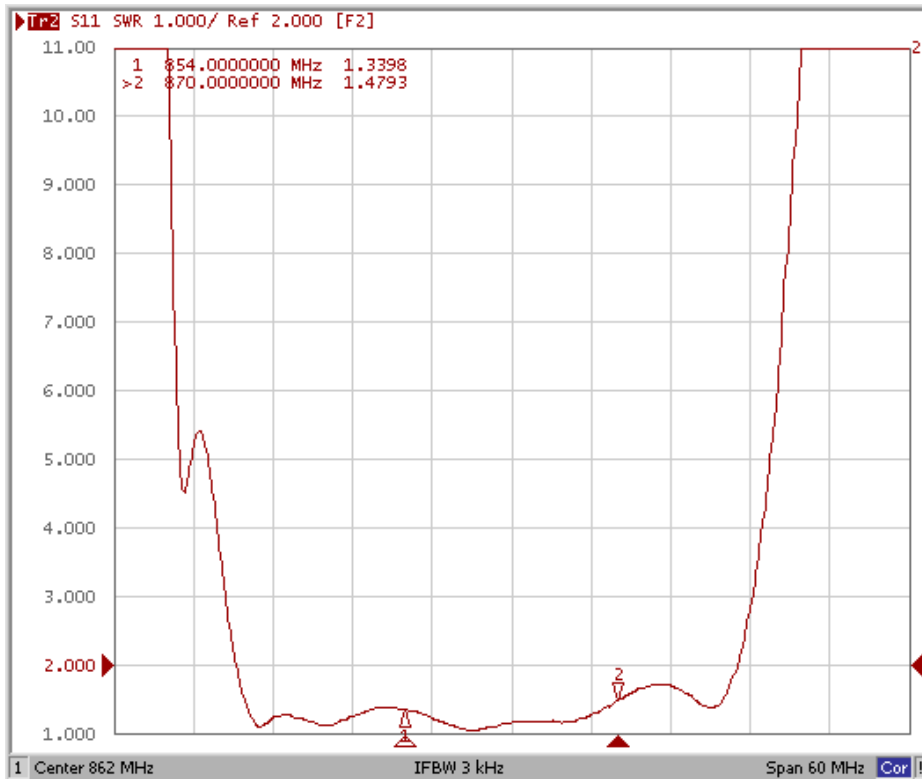


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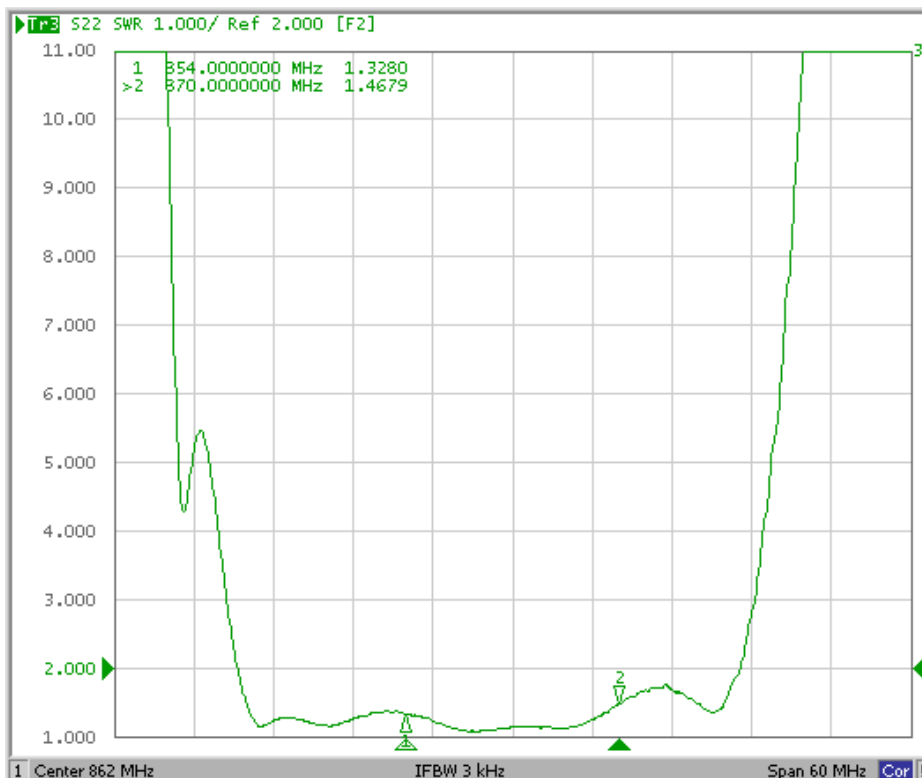
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Reflection Functions

S11



S22

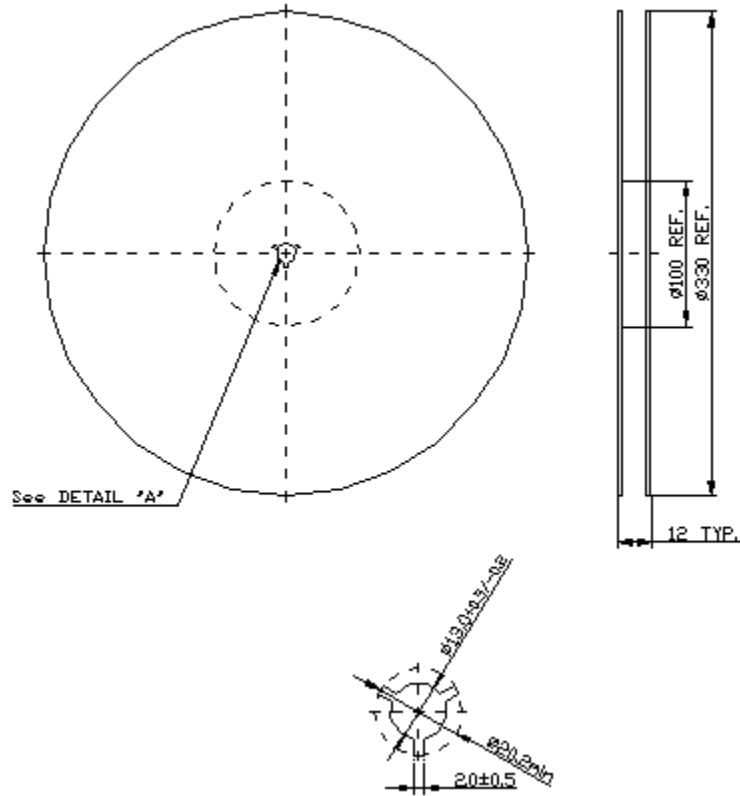


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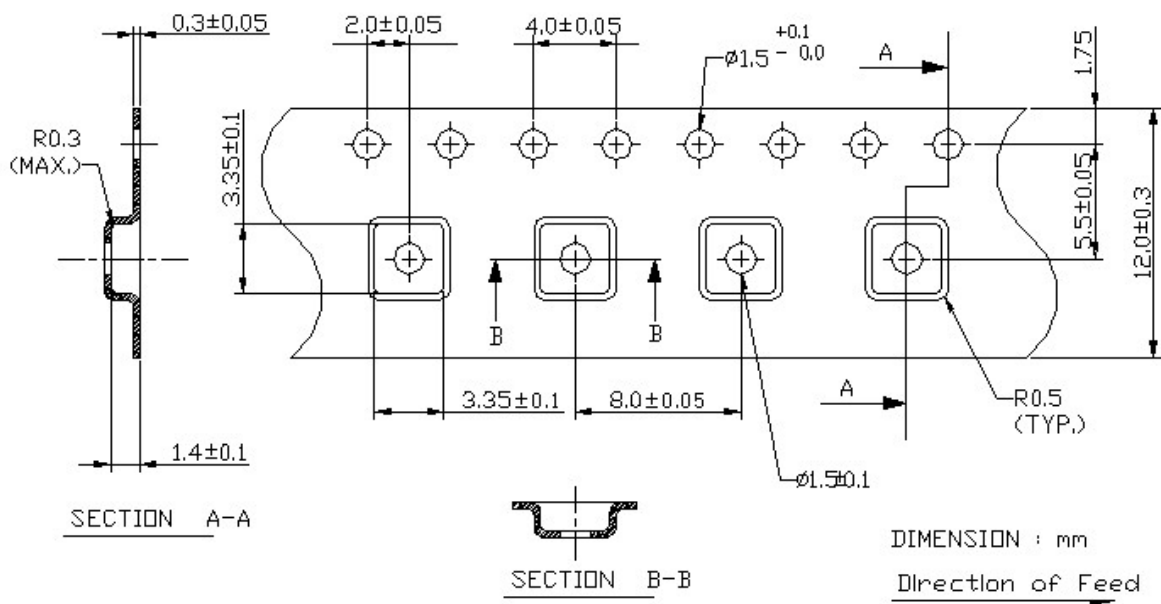
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

