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Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

SAW Filter 533.33MHz — Model: TB0264A
Part No: MP02138 — Rev No: 2

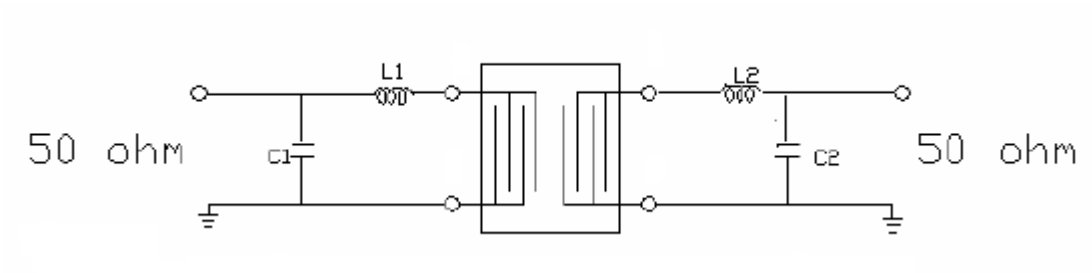
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. Operating Temperature: -40℃ to 85℃
3. Storage Temperature: -40℃ to 85℃

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center frequency Fc	MHz	-	533.33	-	-
Insertion Loss IL	dB	-	8.3	9	-
Passband width BW3	MHz	4.5	8.3	-	-
Passband width BW35	MHz	-	17		-
Amplitude Ripple in Fc ± 1MHz	dB	-	0.8	1	-
Group delay ripple in Fc ± 1MHz	nS	-	65	100	-
Phase Linearity in Fc ± 1MHz	deg		2	4	
Attenuation: (Reference level from Min IL)					
10MHz to 504MHz	dB	40	50	-	-
504MHz to 521.34MHz	dB	30	45	-	-
545.34MHz to 560MHz	dB	30	45	-	-
560MHz to 1000MHz	dB	40	50	-	-

C. MEASUREMENT CIRCUIT:



Input L1 = 10nH, C1 = 10pF

Output L2 = 10nH, C2 = 8pF

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D. FREQUENCY CHARACTERISTICS:

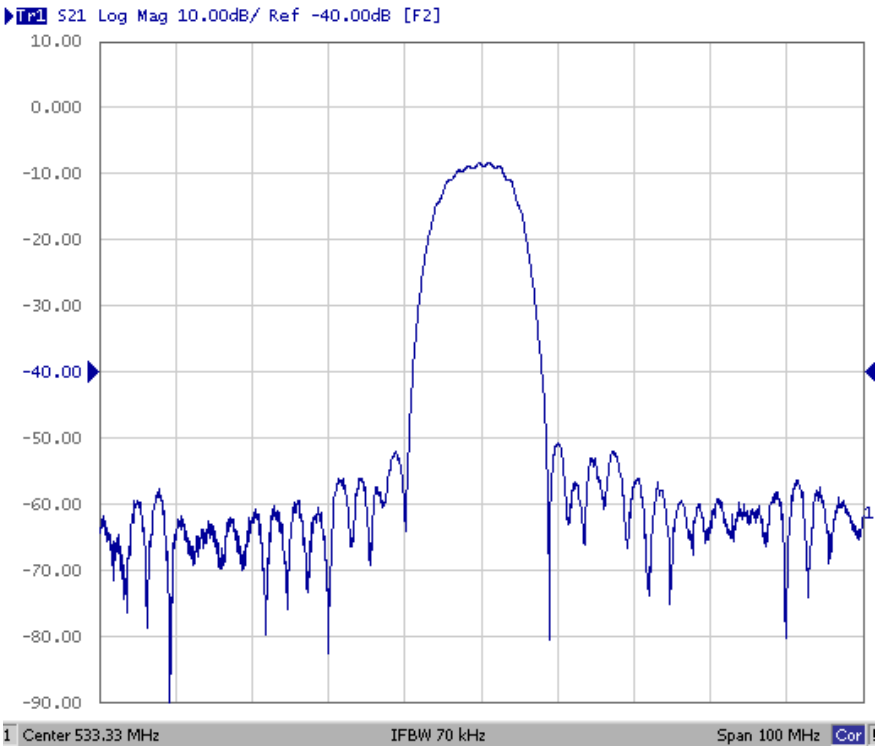


Fig. 1. S21 Response Horizontal: 10MHz/Div, Vertical: 10dB/Div

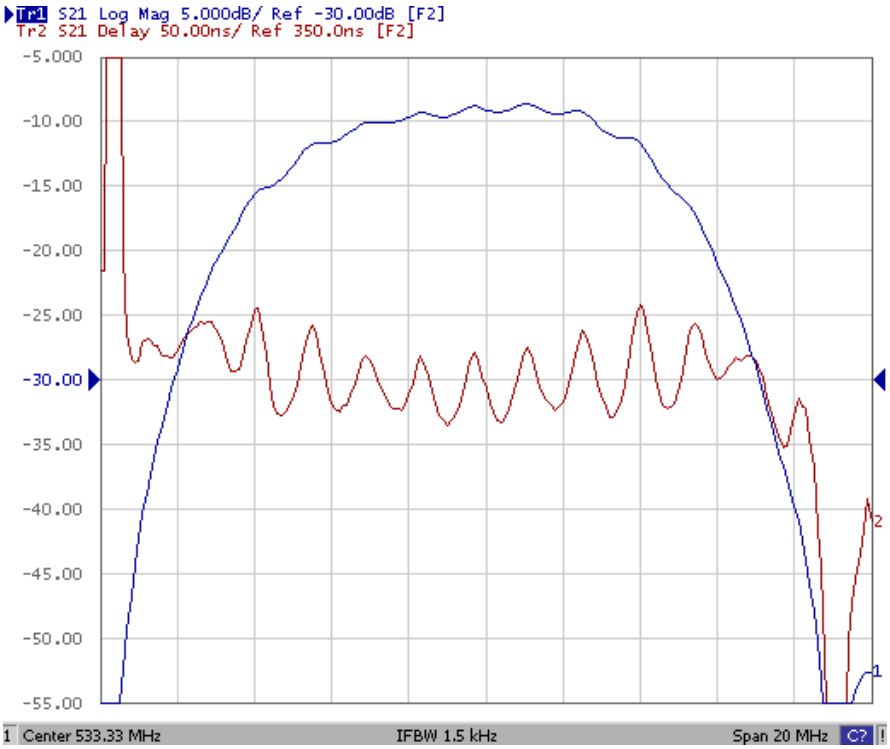
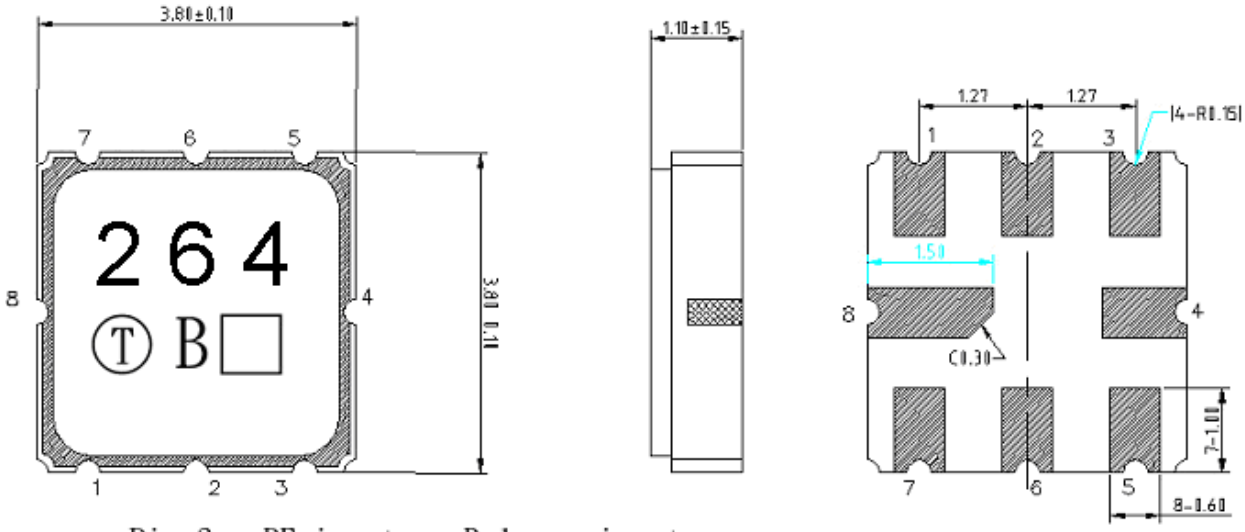


Fig. 2. Horizontal: 2MHz/Div Vertical: 5dB/Div, Vertical: 50ns/Div

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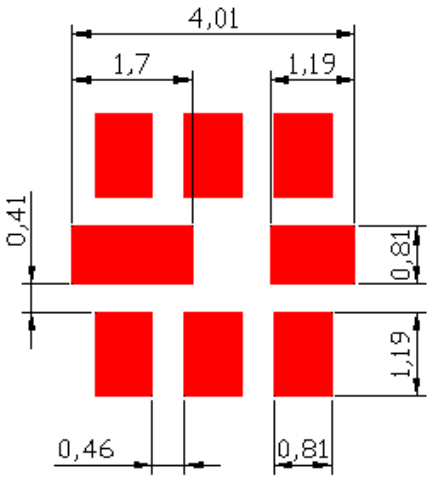
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E. OUTLINE DRAWING:



Pin 3 : RF input or Balance input
Pin 7 : RF output or Balance output
Pin 2 : RF input ground or Balance input return
Pin 6 : RF onput ground or Balance output return
Pin 1,4,5,8 : To be Ground
□ : Date code
Unit : mm

F. PCB FOOTPRINT:

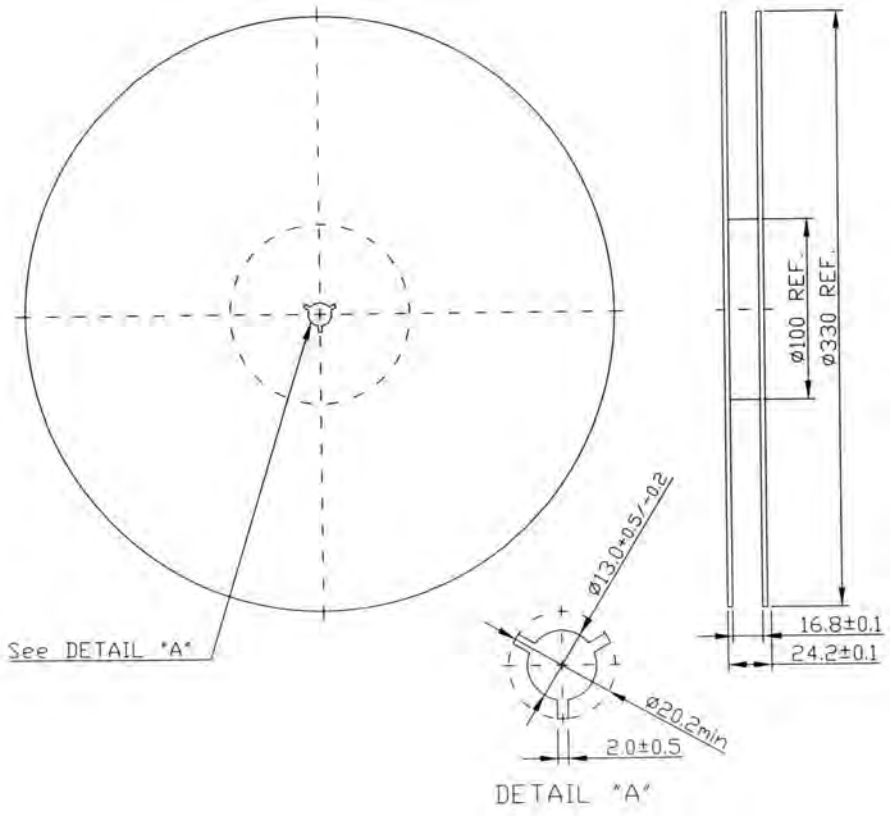


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G. PACKING:

REEL DIMENSION



TAPE DIMENSION

