

SAW Filter 881.50MHz

Model: TA881GG

Part No: MA05722

REV. NO.: 2

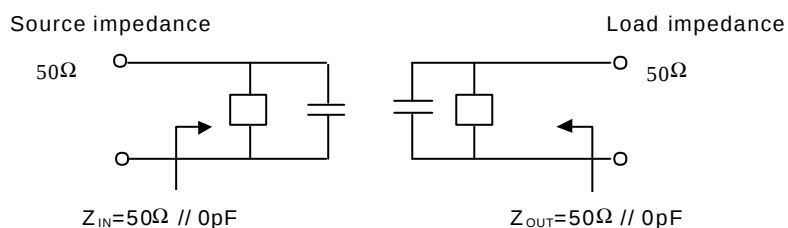
A. MAXIMUM RATING:

1. Input Power Level: +15 dBm
2. DC voltage: -5~+5 V
3. Operating Temperature: -30°C ~ +85°C
4. Storage Temperature: -40°C ~ +100°C

B. ELECTRICAL CHARACTERISTICS:

Characteristics	Value			Note
	Min.	Typ.	Max.	
Center frequency F_c MHz	-	881.5	-	-
Insertion loss(869 ~ 894 MHz) I.L. dB	-	2.8	3.5	-
V.S.W.R(869 ~ 894 MHz) dB	-	1.6	2.0	-
Ripple(869 ~ 894 MHz) dB	-	0.7	1.6	-
Attenuation:(Reference level from 0 dB)				
1) D.C. ~ 779 MHz dB	50	60.1	-	-
2) 779 ~ 849 MHz dB	45	49.8	-	-
3) 914 ~ 970 MHz dB	28	31.1	-	-
4) 970 ~ 1049 MHz dB	50	62.1	-	-
5) 1049 ~ 2000 MHz dB	40	47.2	-	-
Impedance at F_c ; Input $Z_{IN}=R_{IN}/C_{IN}$	50Ω // 0 PF			1
Output $Z_{OUT}=R_{OUT}/C_{OUT}$	50Ω // 0 PF			1

Note1

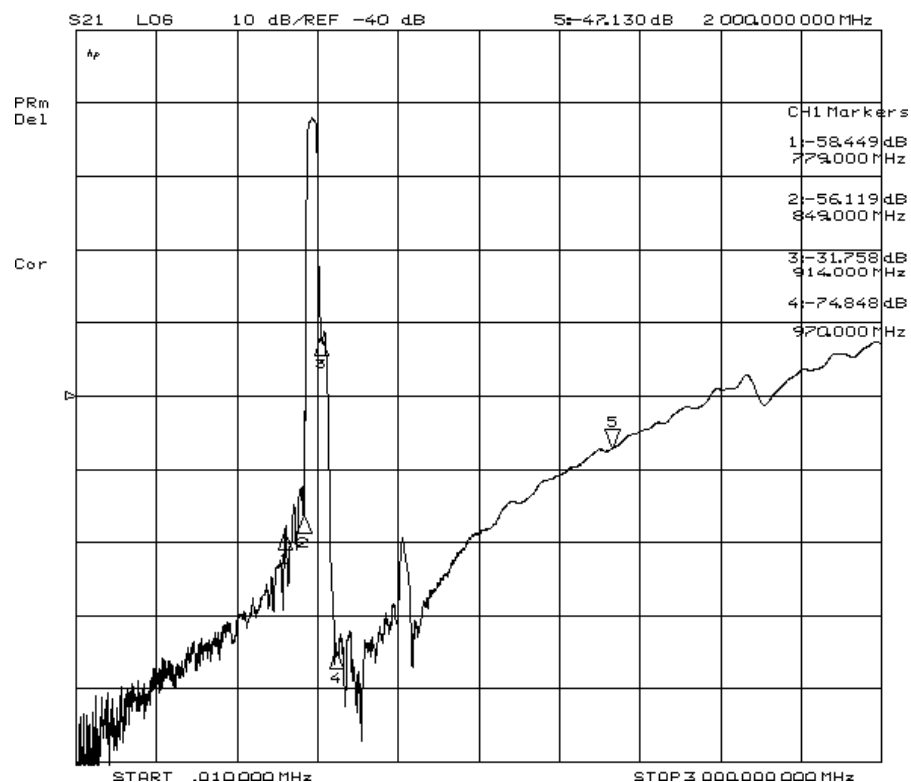
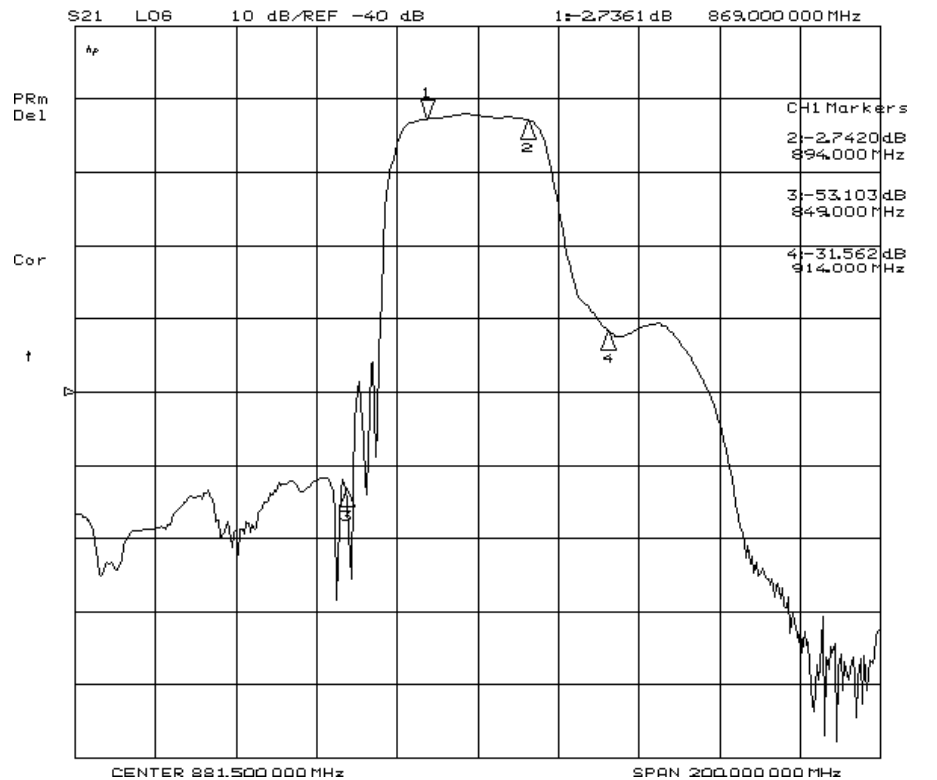


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C.FREQUENCY CHARACTERISTICS:

1. Wideband response:

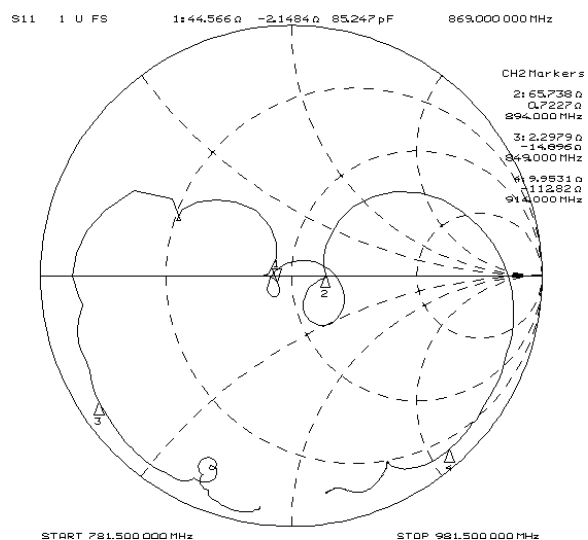
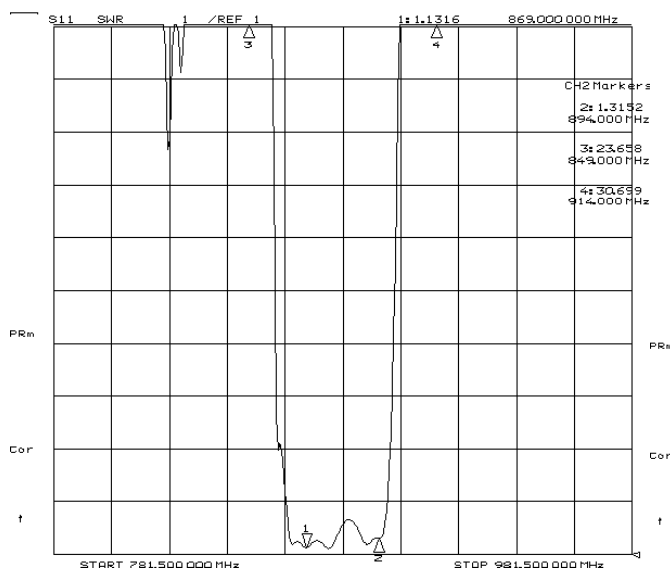


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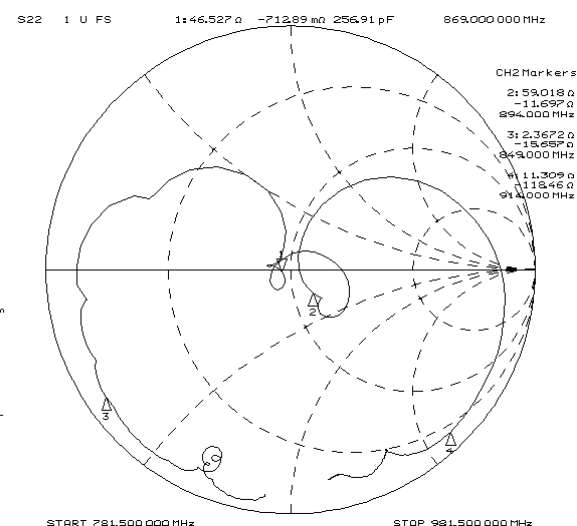
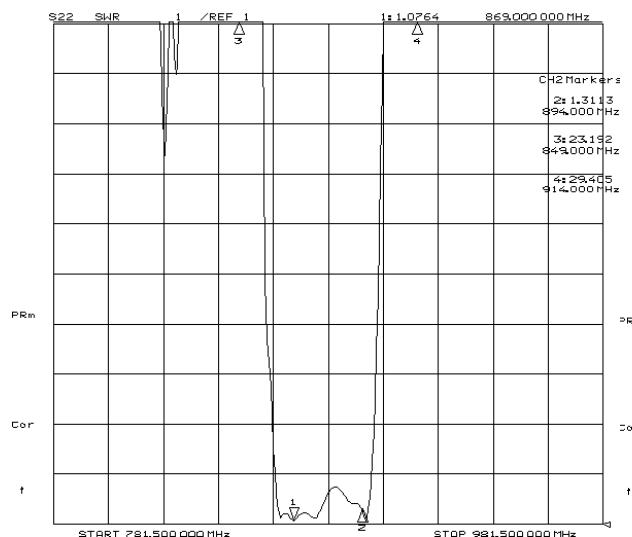
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2. VSWR and smith chart:

S11



S22



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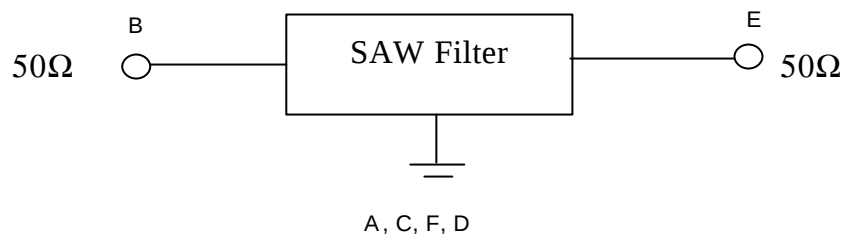
Model: TA881GG

Part No: MA05722

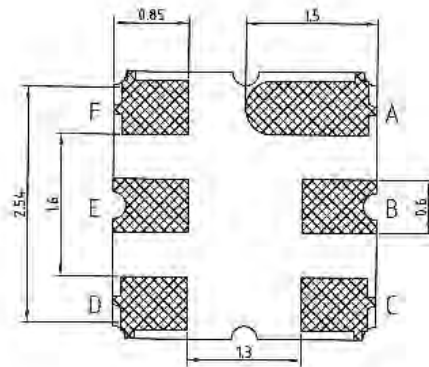
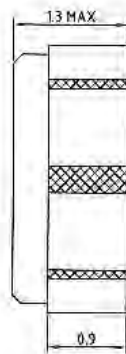
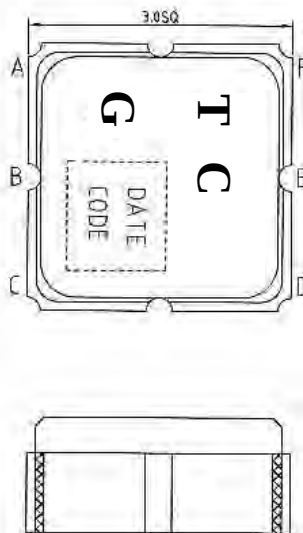
REV. NO.: 2

D. MEASUREMENT CIRCUIT:

Network analyzer



E. OUTLINE DRAWING:



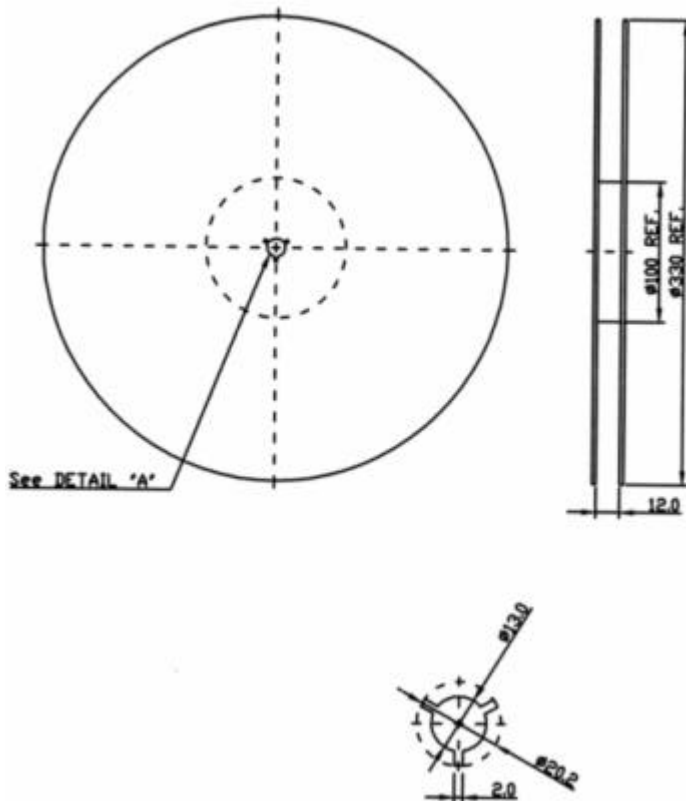
B INPUT
 E OUTPUT
 A,C,D,F GROUND

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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

