

SAW Filter 915MHz

Model: TA0281A

Part No: MA04499

Rev No: 5

A. MAXIMUM RATING:

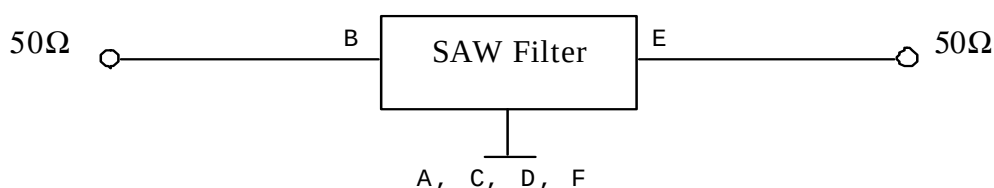
1. Input Power Level: 15dBm
2. DC voltage: 5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Centre frequency Fc MHz	MHz	-	915	-
Insertion loss 902 ~ 928MHz IL (dB)	dB	-	2.2	3.5
Amplitude ripple 902 ~ 928MHz (dB)	dB	-	0.6	2.0
VSWR 902 ~ 928MHz	MHz	-	1.6	2.3
Attenuation (Reference level from 0dB)				
DC ~ 800MHz (dB)	dB	50	63	-
800 ~ 880MHz (dB)	dB	40	48	-
960 ~ 1080MHz (dB)	dB	32	39	-
1080 ~ 1500MHz (dB)	dB	45	65	-
1500 ~ 3000MHz (dB)	dB	22	28	-
Source impedance Z _S (Ω)	Ω	-	50	-
Load impedance Z _L (Ω)	Ω	-	50	-

Note: No matching network required for operation at 50Ω

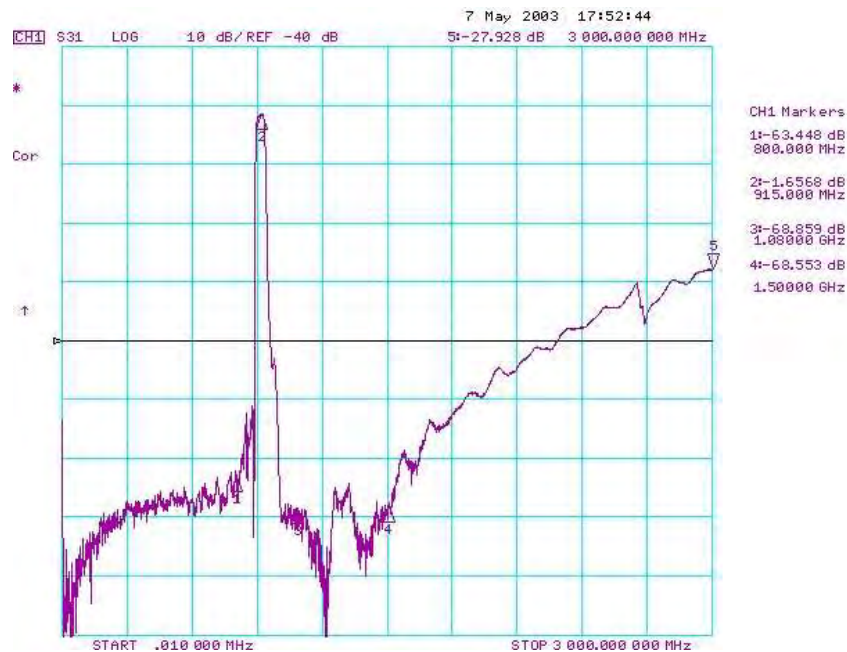
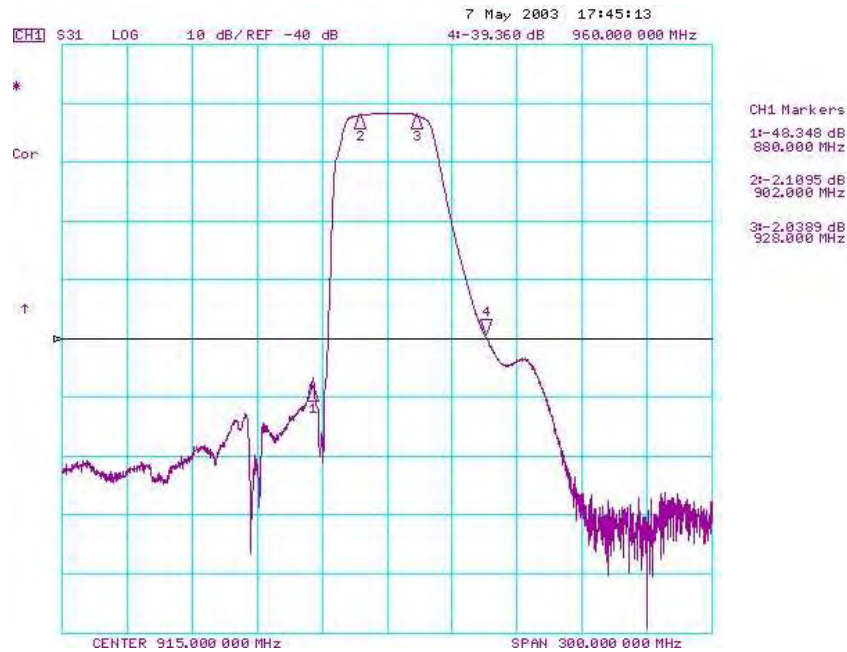
C. MEASUREMENT CIRCUIT:



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D. FREQUENCY CHARACTERISTICS:

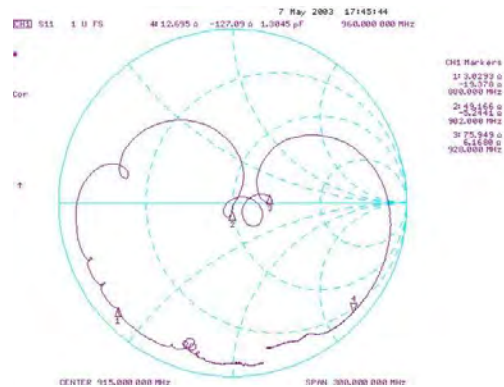
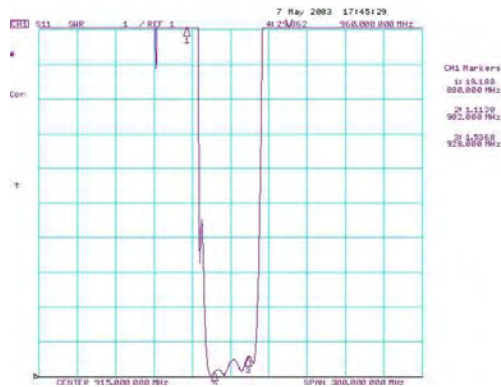


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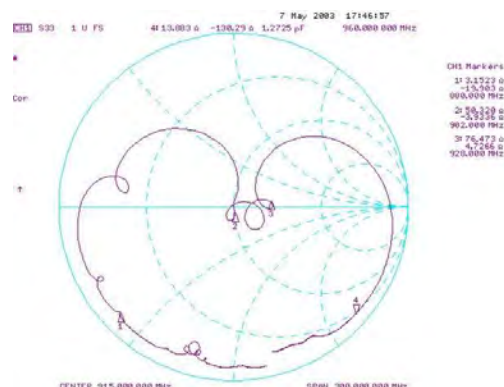
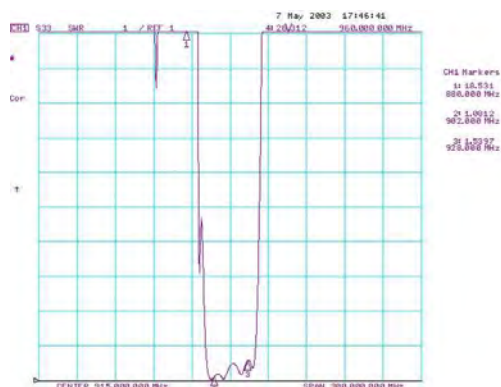
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Reflections Functions

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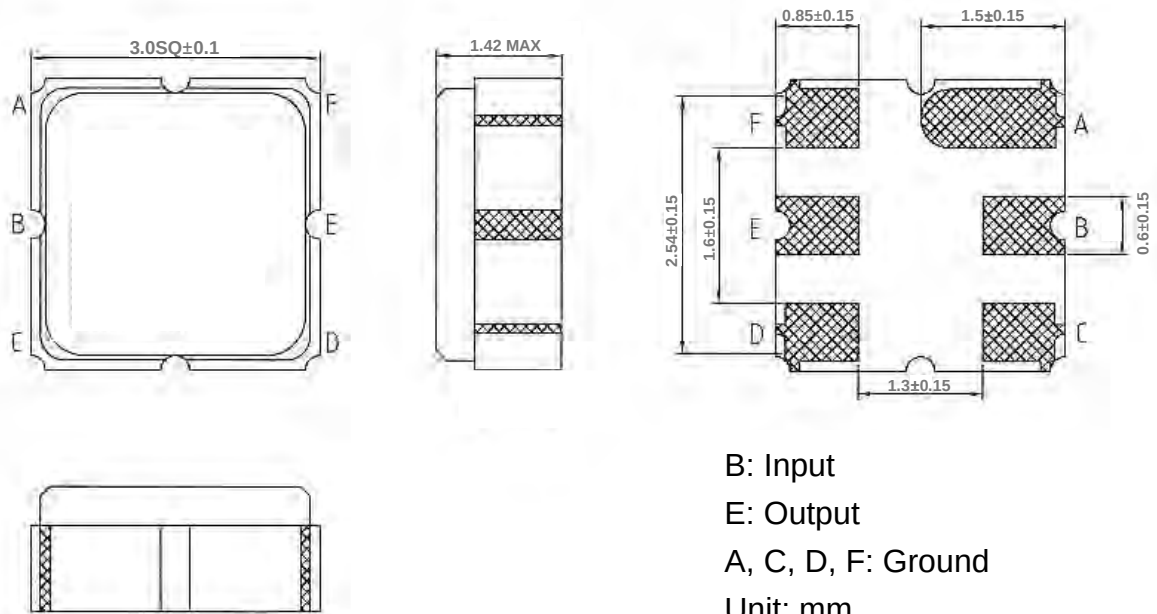
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E. OUTLINE DRAWING:

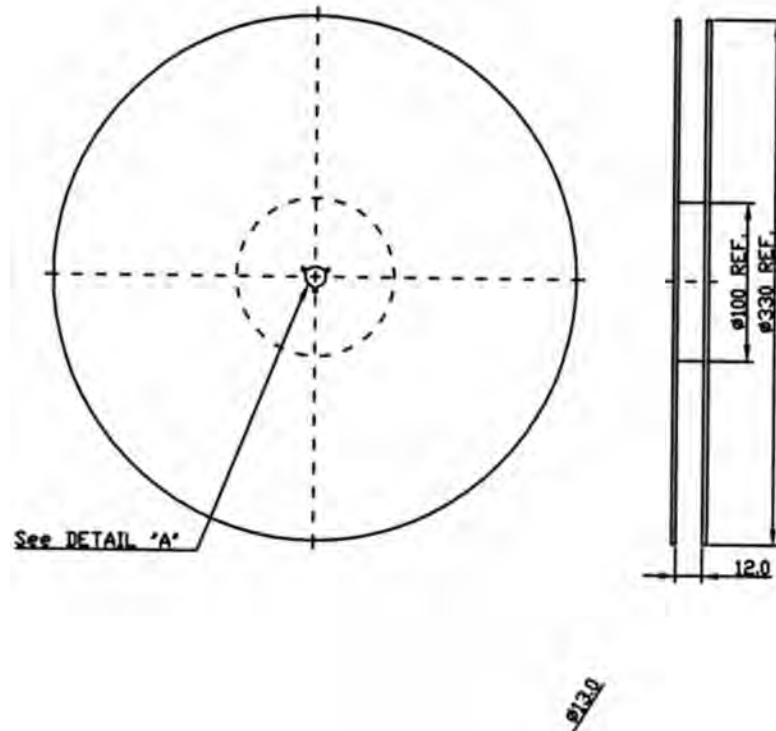


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F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

