

SAW Filter 940.50MHz

Model: TA0460A

Part No: MA07335

Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -10°C to +75°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Characteristics	Specification			Note
	Min.	Typ.	Max.	
Center frequency Fc MHz	-	940.5	-	-
Insertion loss 921 ~ 960MHz IL dB	-	3.2	4.4	-
Ripple 921 ~ 960MHz dB	-	1.5	2.6	-
VSWR 921 ~ 960MHz	-	2.0	2.6	
Attenuation: (Reference level from 0dB)				
0 ~ 800MHz dB	45	60	-	-
800 ~ 880MHz dB	38	47	-	-
880 ~ 902MHz dB	31	42	-	-
981 ~ 985MHz dB	19	27	-	-
985 ~ 1005MHz dB	23	28	-	-
1005 ~ 1025MHz dB	28	33	-	-
1025 ~ 1760MHz dB	40	50	-	-
1760 ~ 2300MHz dB	30	39	-	-
2300 ~ 3000MHz dB	20	27	-	-
Source Impedance	50Ω			1
Load Impedance	50Ω			1

Note1: No matching network required for operation at 50Ω

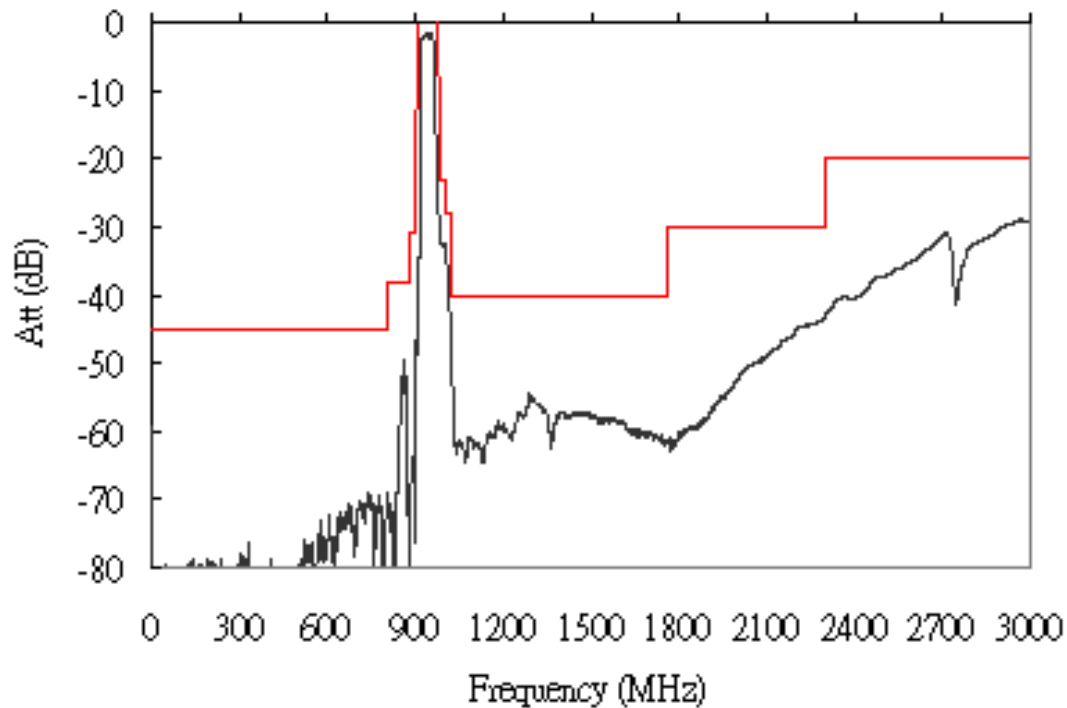
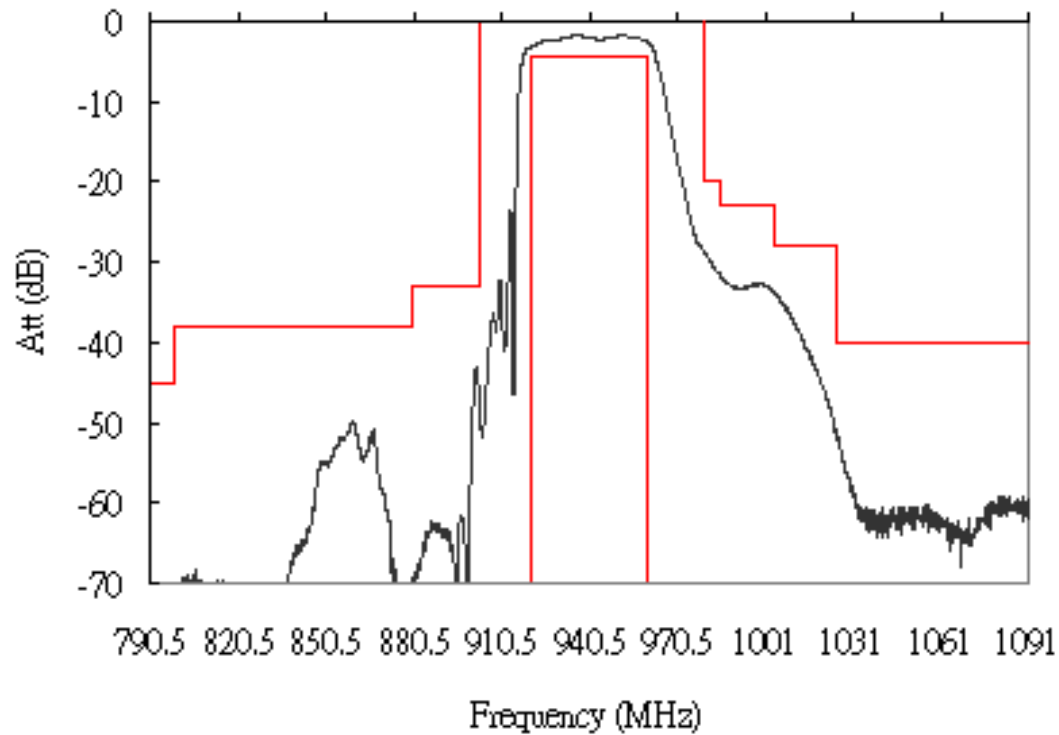
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C. TRANSFER FUNCTIONS:



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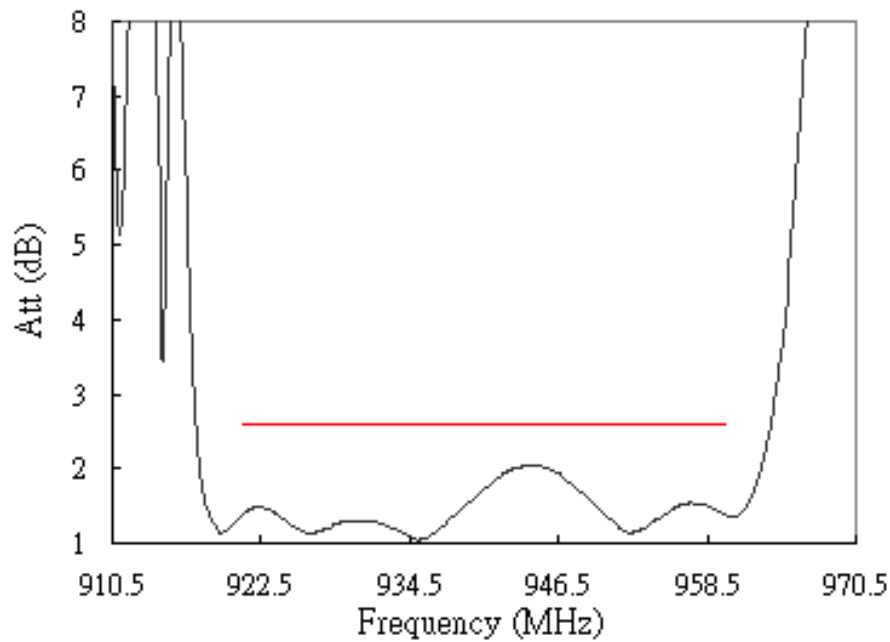
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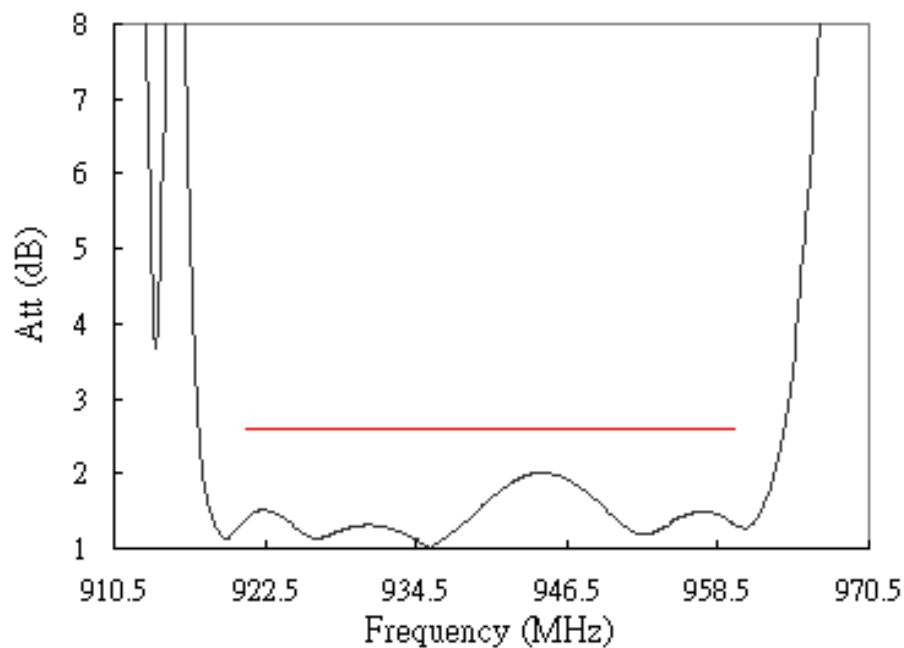
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Reflection Functions

S11



S22



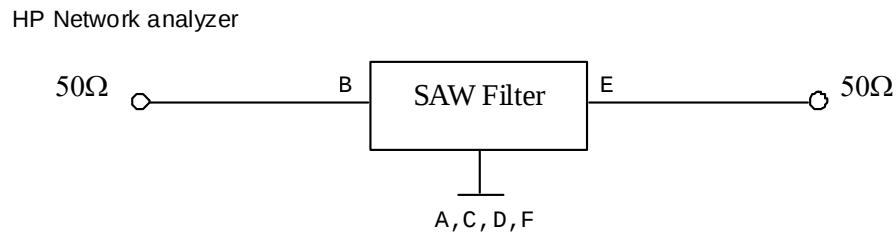
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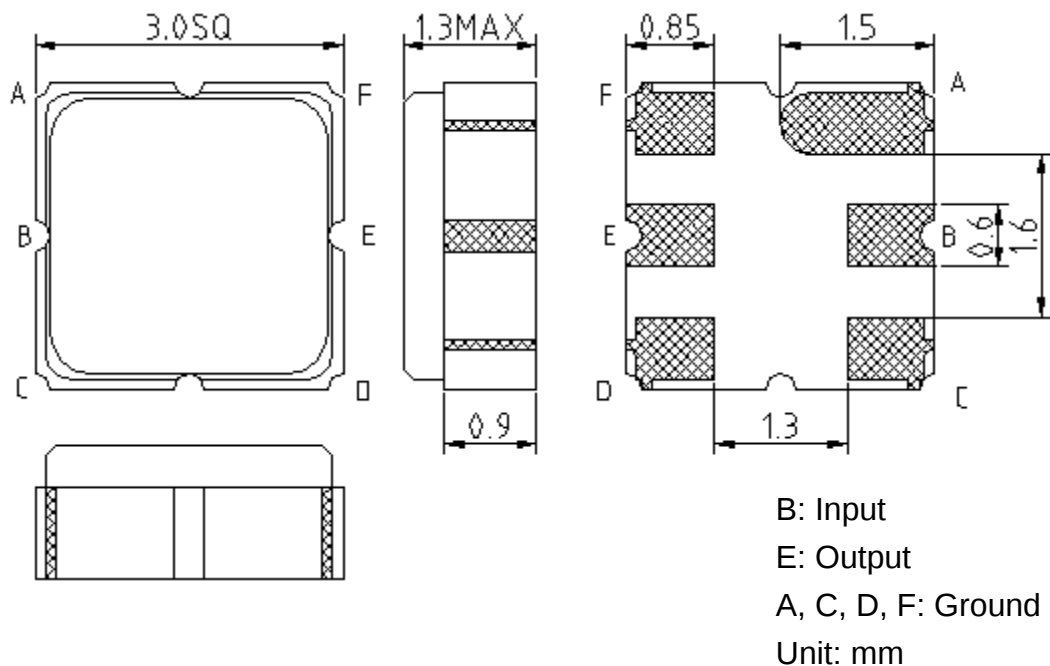
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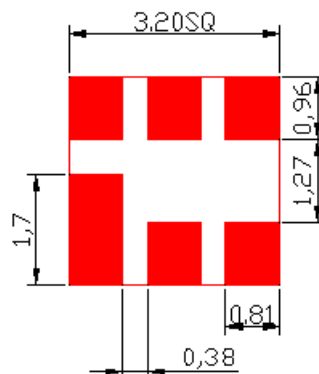
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:

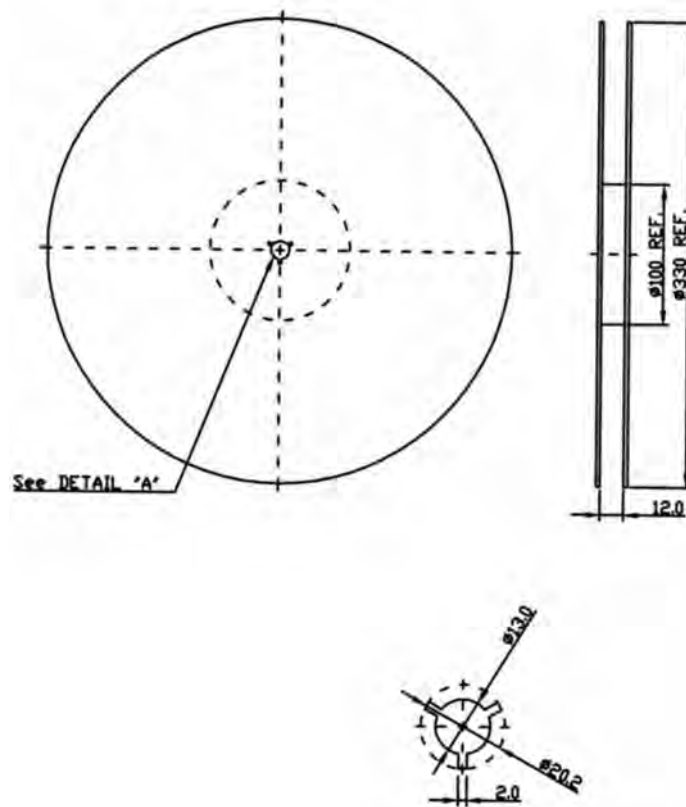


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

