

**SAW Filter 860.50MHz**  
**Part No: MA05344**

**Model: TA0328A**  
**Rev No: 1**

**A. MAXIMUM RATING:**

1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

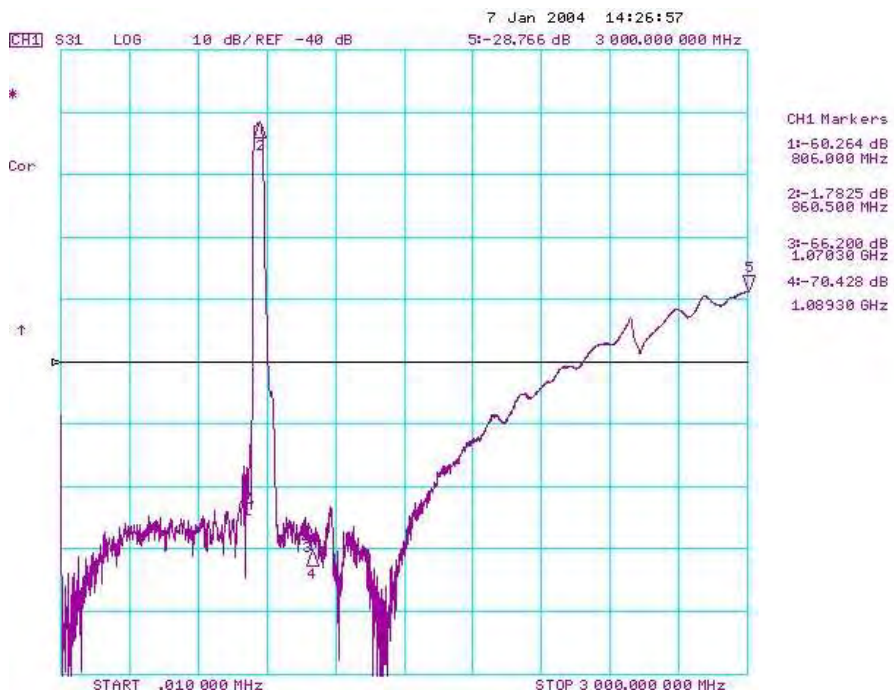
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	860.5	-
Insertion loss 851 ~ 870MHz IL	dB	-	2.2	3.0
Amplitude ripple 851 ~ 870MHz	dB	-	0.6	1.3
Group delay ripple 851 ~ 870MHz	ns	-	12	60
Attenuation (Reference level from 0dB)				
0.000 ~ 806.000MHz	dB	27	54	-
806.000 ~ 825.000MHz	dB	37	54	-
896.000 ~ 902.000MHz	dB	25	31	-
905.825 ~ 924.825MHz	dB	27	40	-
960.650 ~ 979.650MHz	dB	37	65	-
1070.300 ~ 1089.300MHz	dB	47	65	-
1089.300 ~ 3000.000MHz	dB	24	28	-
Return loss 851 ~ 870MHz		9.5	13	-
Source impedance Z <sub>S</sub>	Ω	-	50	-
Load impedance Z <sub>L</sub>	Ω	-	50	-

Note: No matching network required for operation at 50Ω

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**C. FREQUENCY CHARACTERISTICS:**

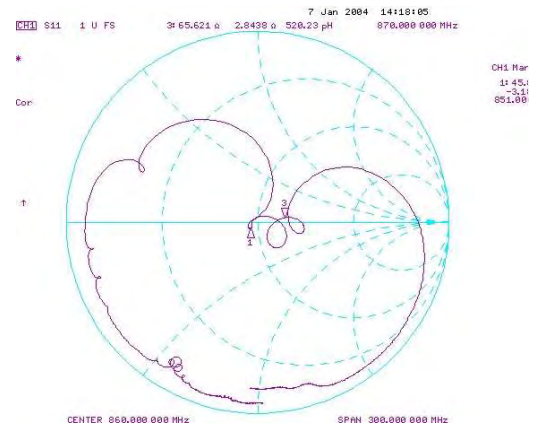


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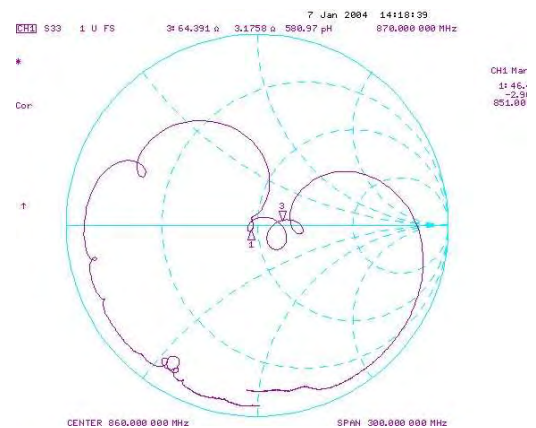
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Reflections functions

S11



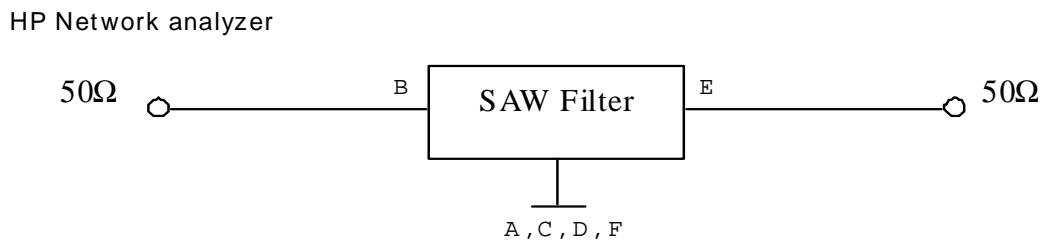
S22



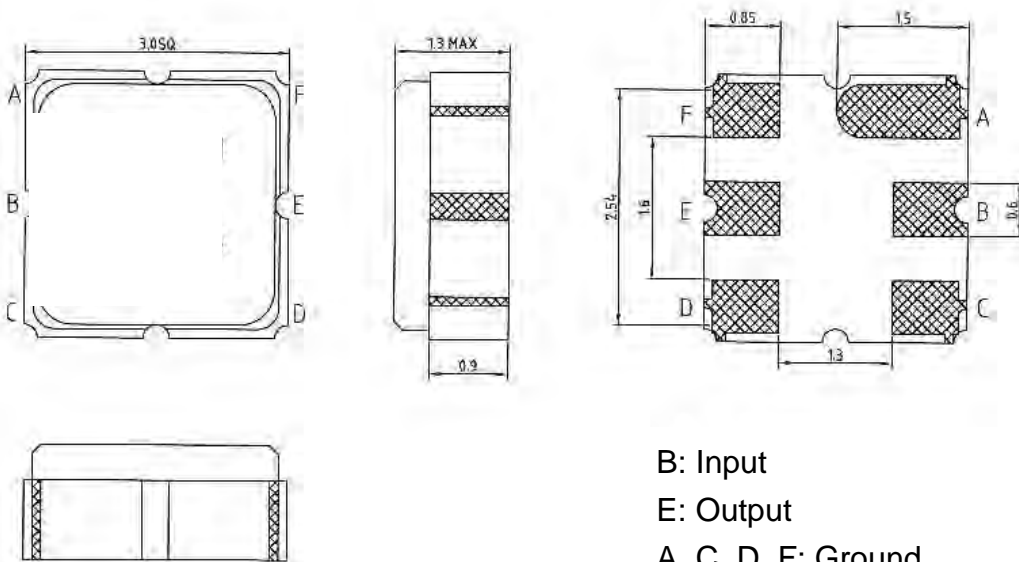
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**D. MEASUREMENT CIRCUIT:**



**E. OUTLINE DRAWING:**



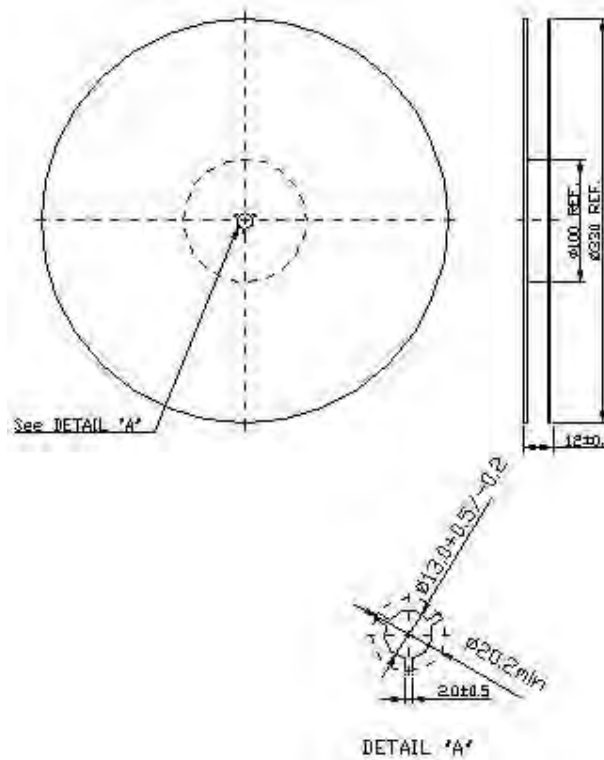
B: Input  
E: Output  
A, C, D, F: Ground  
Unit: mm

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**F. PACKING:**

**1. REEL DIMENSION**



**2. TAPE DIMENSION**

