

**SAW Filter 480MHz**

**Model: TA0555A**

**Part No: MA08609**

**REV NO.: 1**

**A. MAXIMUM RATING:**

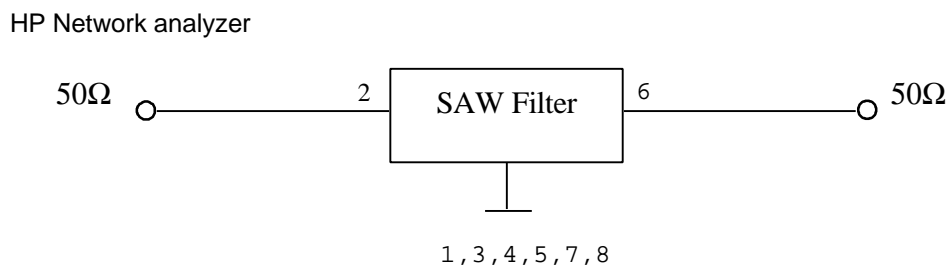
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +65°C
4. Storage Temperature: -40°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Characteristics	Specification			Note
	Min.	Typ.	Max.	
Center frequency <b>Fc</b> MHz	-	480	-	-
Insertion loss 476~484MHz <b>I.L.</b> dB	-	1.9	3.1	-
Ripple 476~484MHz dB	-	0.4	1.5	-
Group Delay Ripple 476~484MHz ns	-	30	70	
Attenuation: ( Reference level from 0 dB )				
350 ~ 430 MHz dB	40	57	-	-
430 ~ 457 MHz dB	35	53	-	-
505 ~ 515 MHz dB	30	50	-	-
515 ~ 535 MHz dB	35	56	-	-
535 ~ 580 MHz dB	40	57	-	-
Temperature coefficient of frequency ppm/°C	-	-37	-	
Source Impedance $Z_s$ $\Omega$		50		1
Load Impedance $Z_L$ $\Omega$		50		1

Note1. No matching network required for operation at 50  $\Omega$

**C. MEASUREMENT CIRCUIT:**



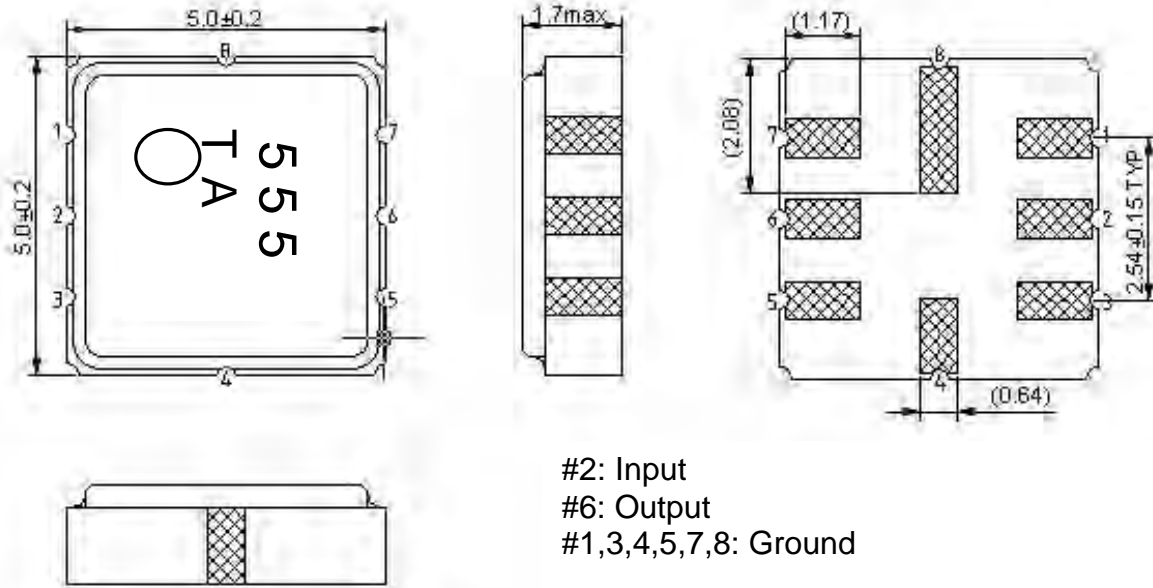
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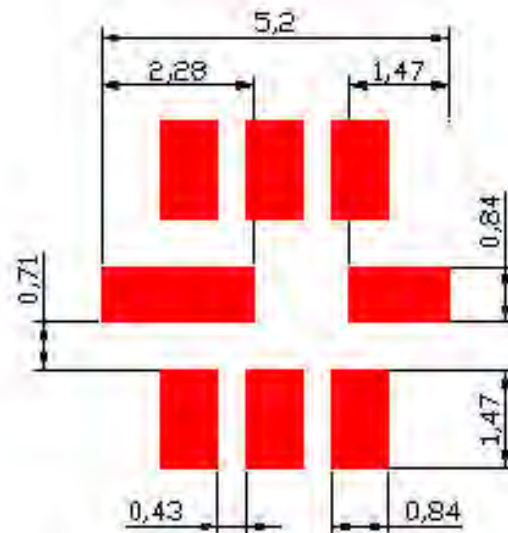
**D. OUTLINE DRAWING:**



#2: Input  
#6: Output  
#1,3,4,5,7,8: Ground

Unit: mm

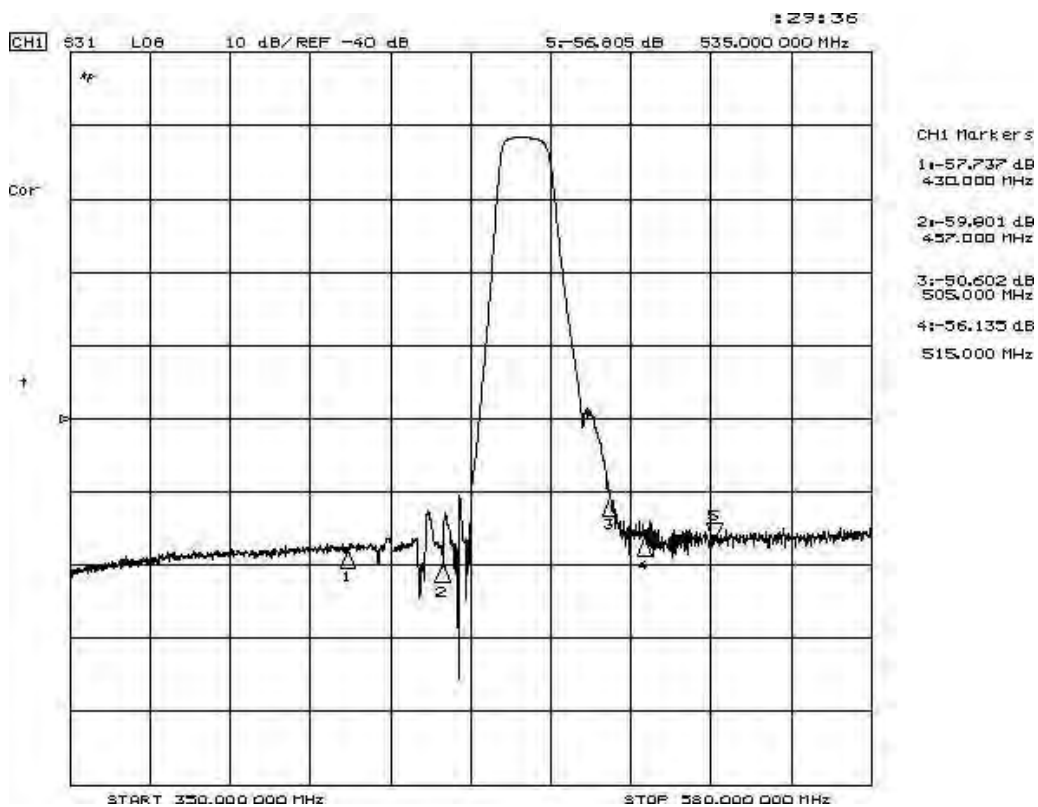
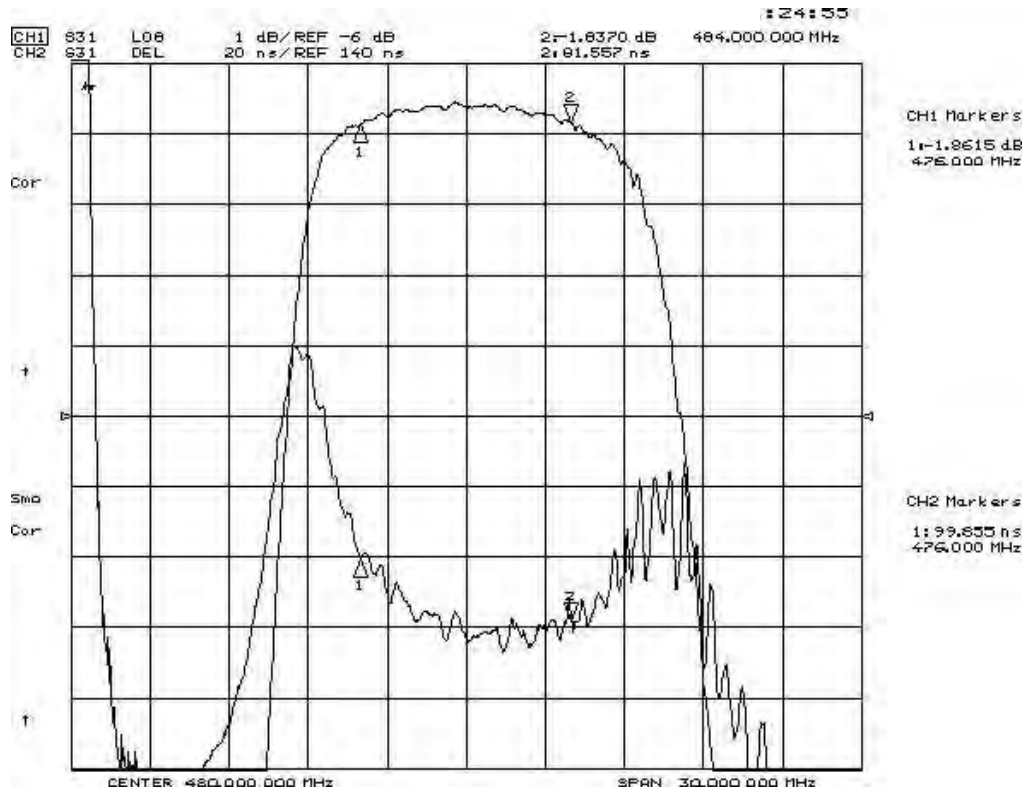
**E. PCB FOOTPRINT:**



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**F. FREQUENCY CHARACTERISTICS :**

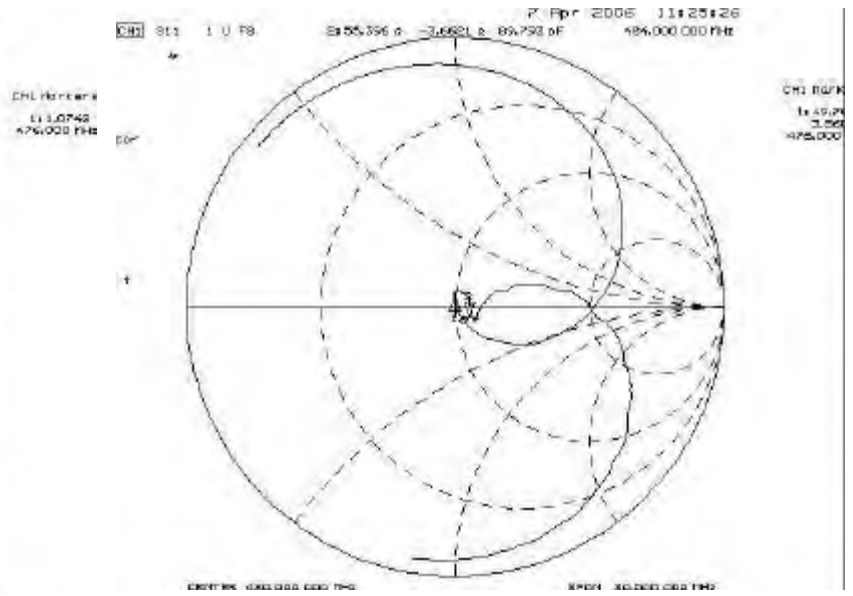
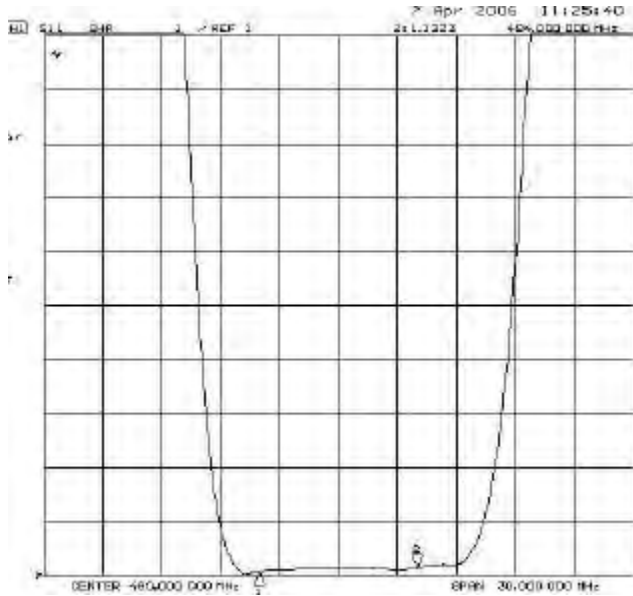


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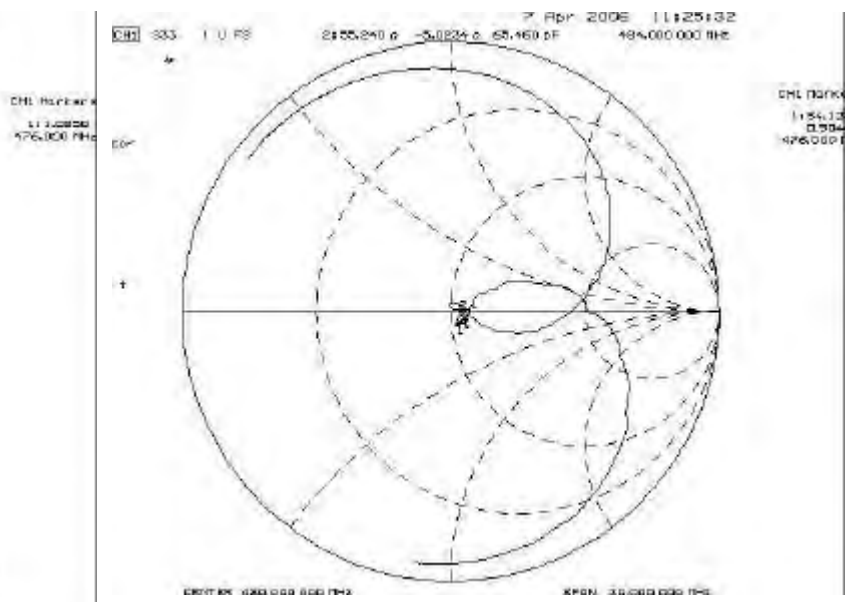
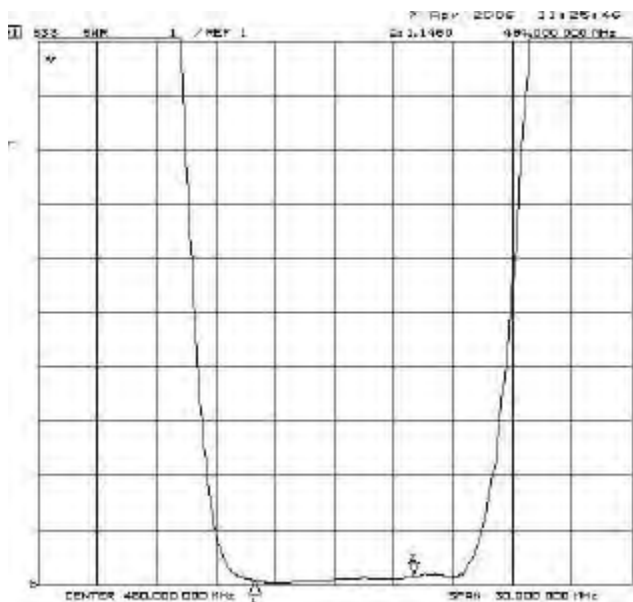
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**Reflections Functions :**

**S11 VSWR**



**S22 VSWR**



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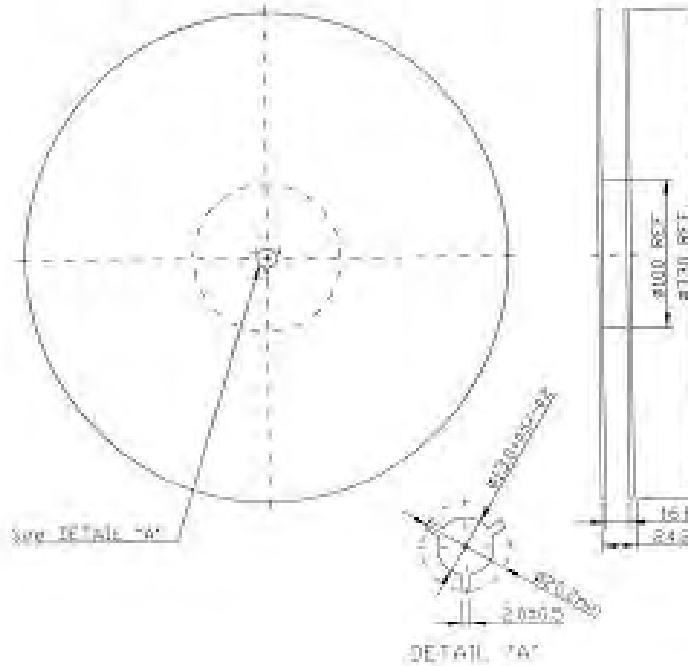
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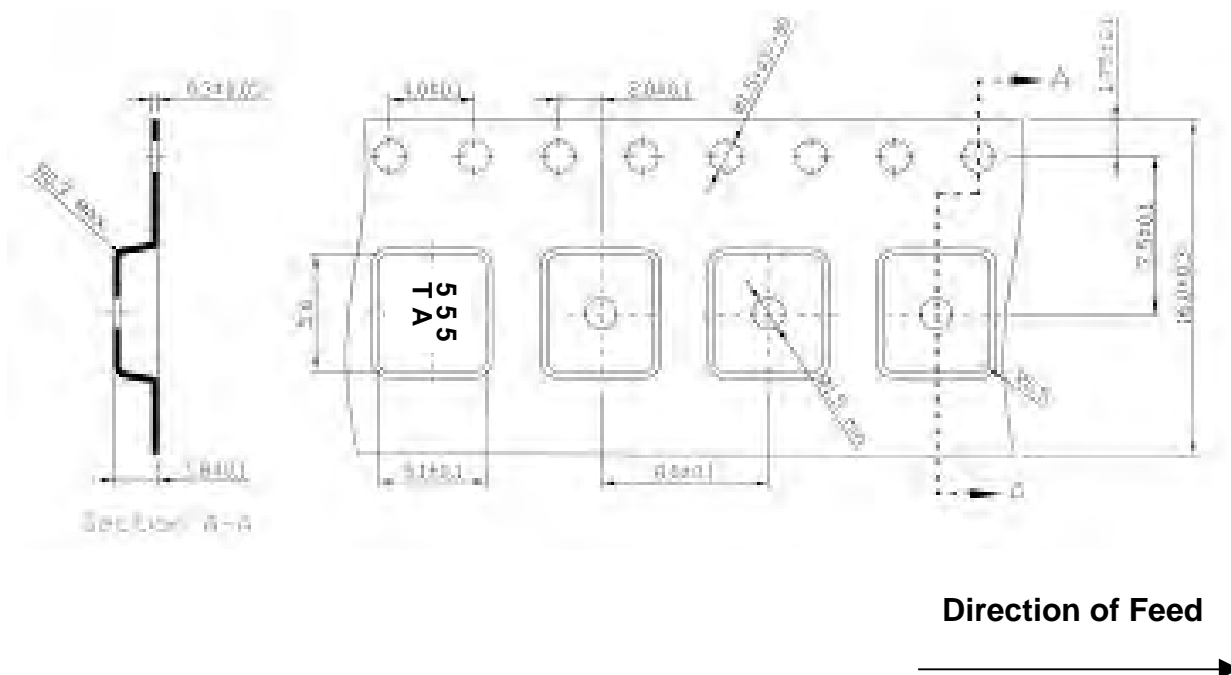
**G. PACKING:**

**1. REEL DIMENSION**

**(Reel Count : 7"=1,000 ; 13"=3,000 )**



**2.TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE :**

