

**SAW Filter 2650.0MHz**

**Model: TA0545A**

Part No: **MA08671**

REV. NO.: 2

**A. MAXIMUM RATING:**

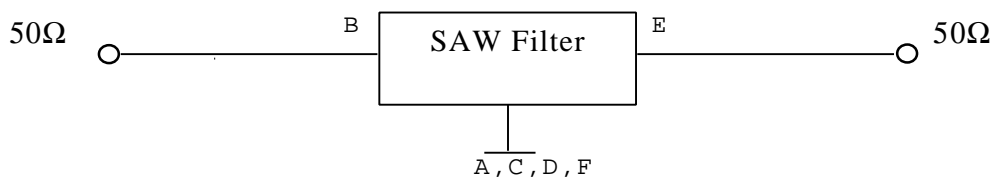
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2650	-	-
Insertion Loss (2615 ~ 2685 MHz) IL	dB	-	2	3.5	-
Amplitude Ripple (2615 ~ 2685 MHz)	dB	-	0.9	2.5	-
VSWR (2615 ~ 2685 MHz)		-	1.6	2.3	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 2300 MHz	dB	23	27.5	-	-
2300 ~ 2500 MHz	dB	25	32	-	-
2800 ~ 4000 MHz	dB	30	34	-	-
4000 ~ 5000 MHz	dB	20	32	-	-

**C. MEASUREMENT CIRCUIT:**

HP Network analyzer



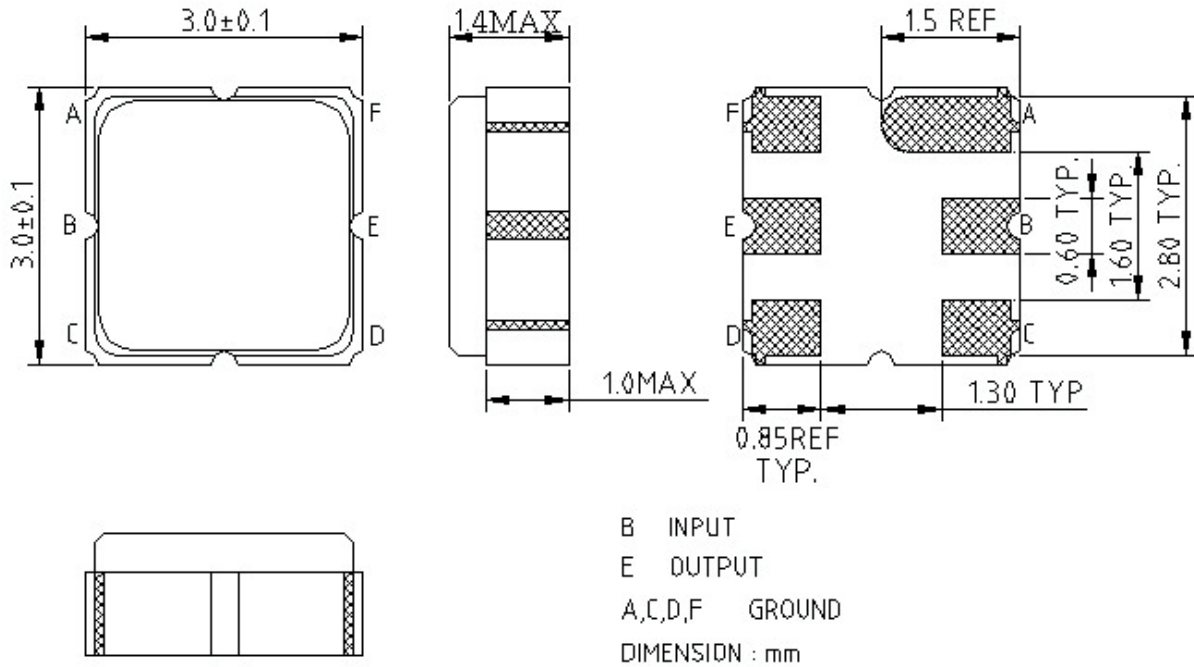
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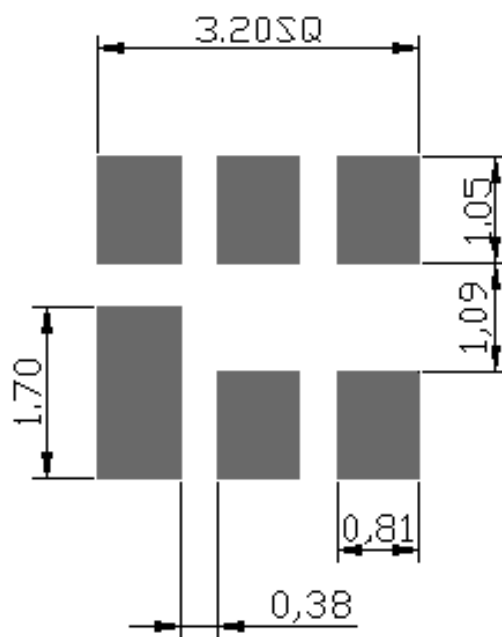
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**D. OUTLINE DRAWING:**



**E. PCB FOOTPRINT:**



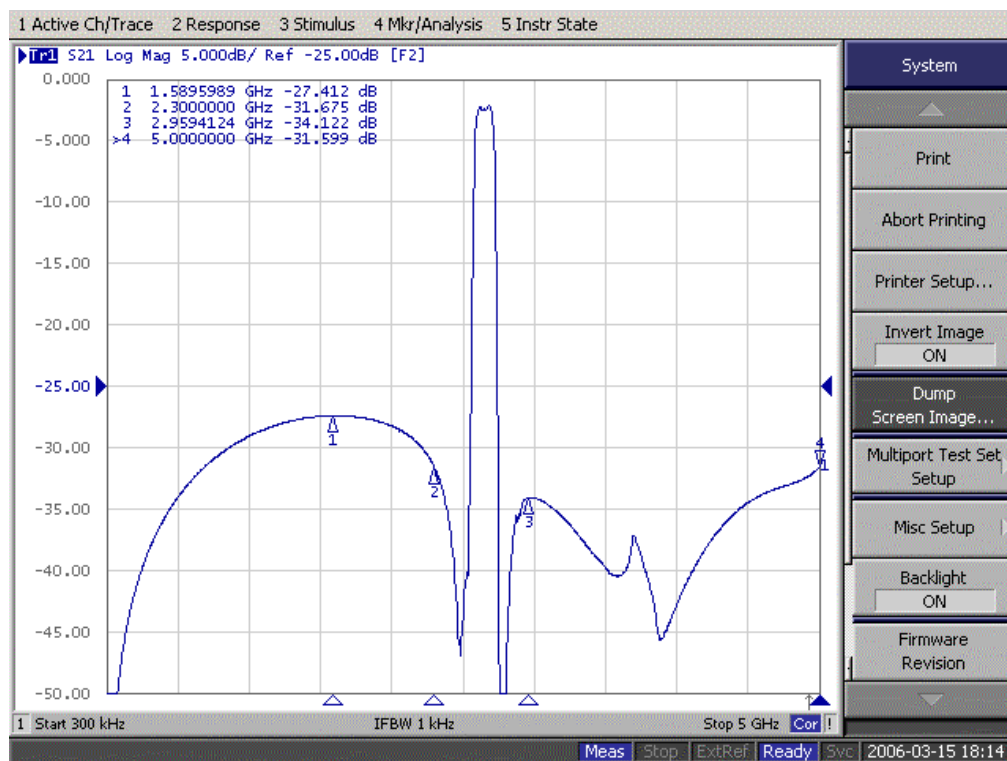
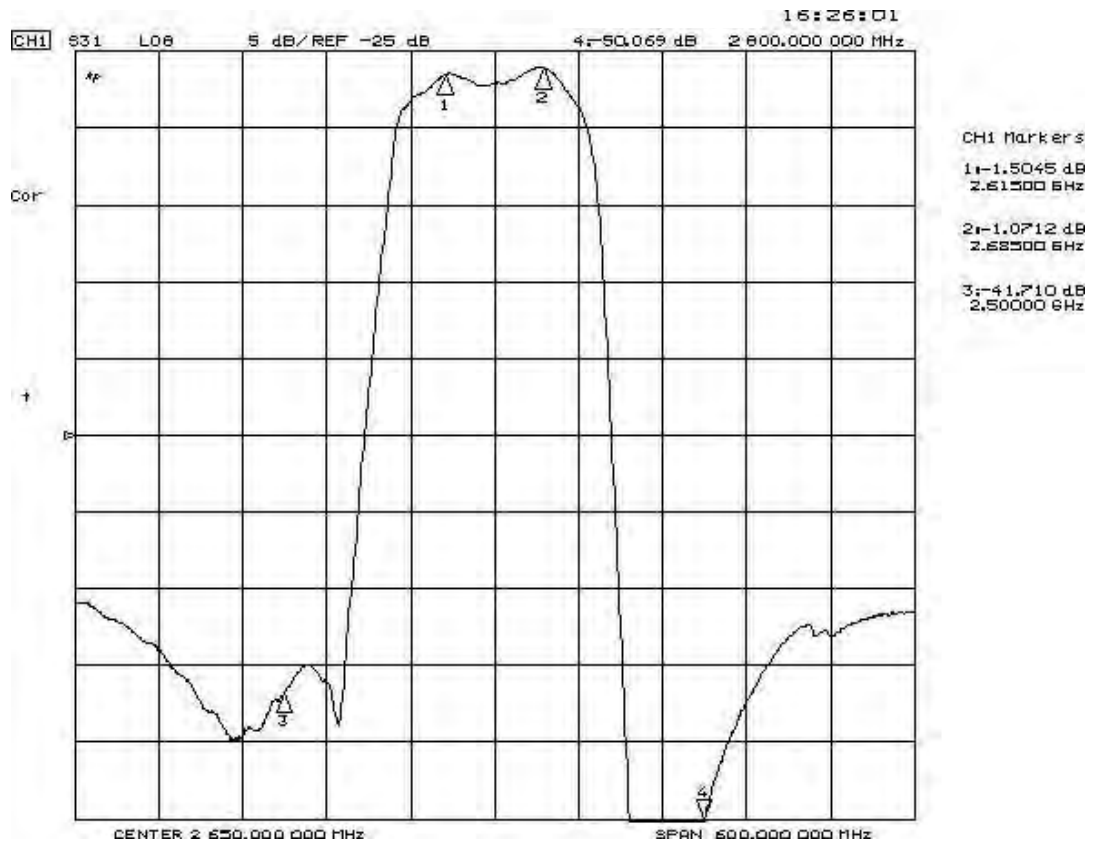
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**F. FREQUENCY CHARACTERISTICS:**



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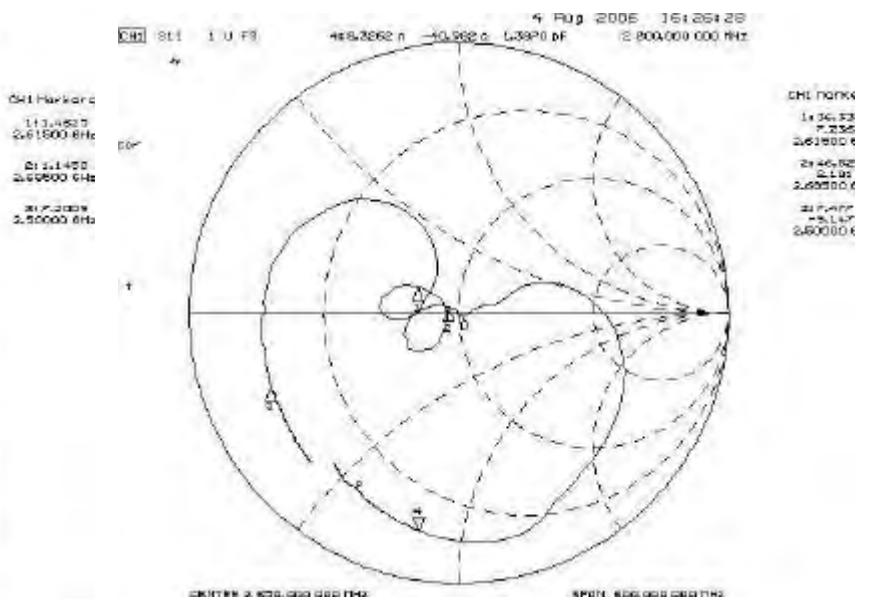
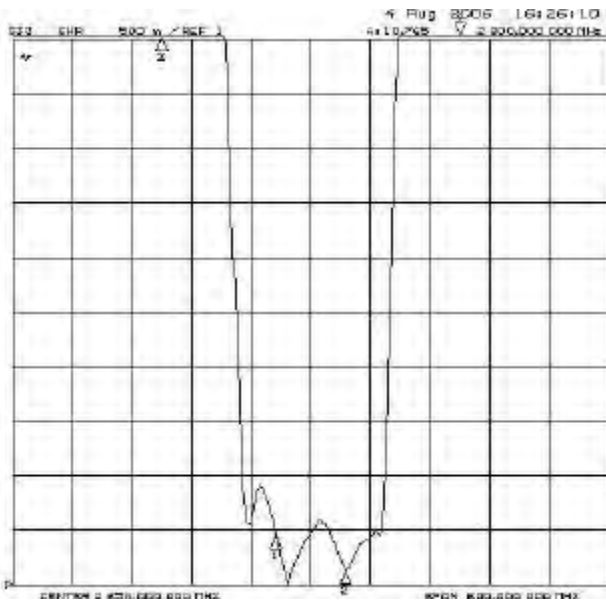
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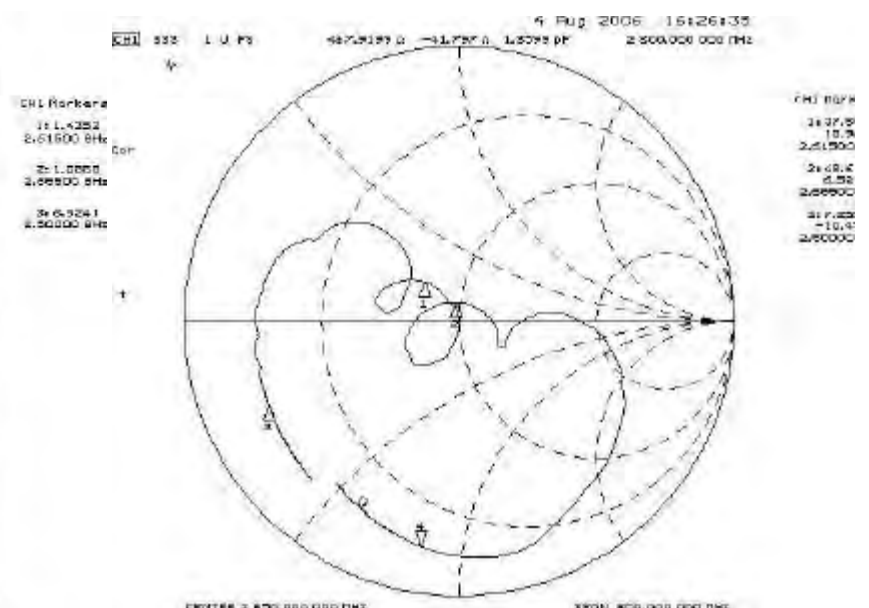
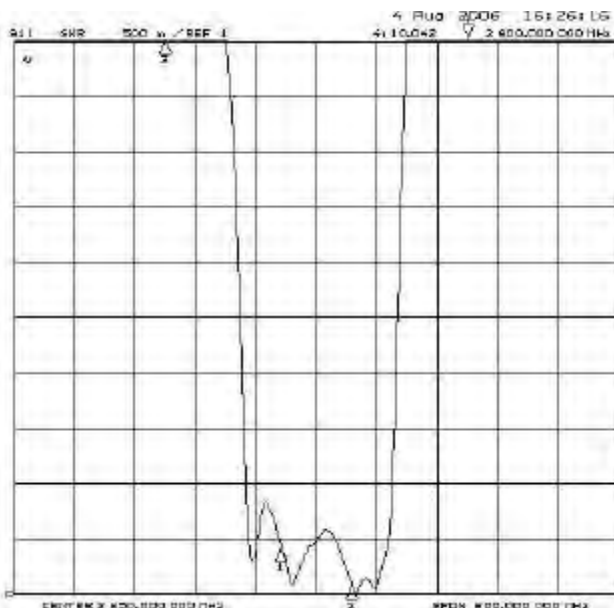
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**Reflection Functions:**

**S11 VSWR**



**S22 VSWR**



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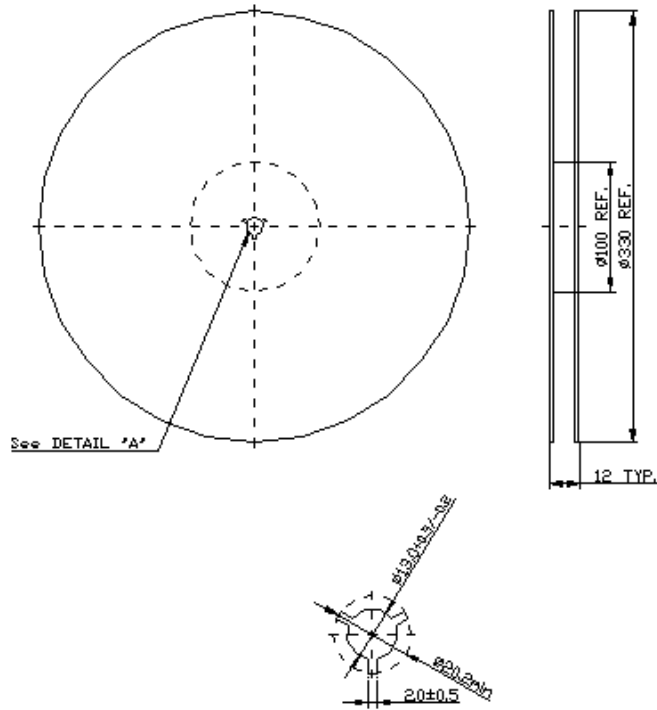
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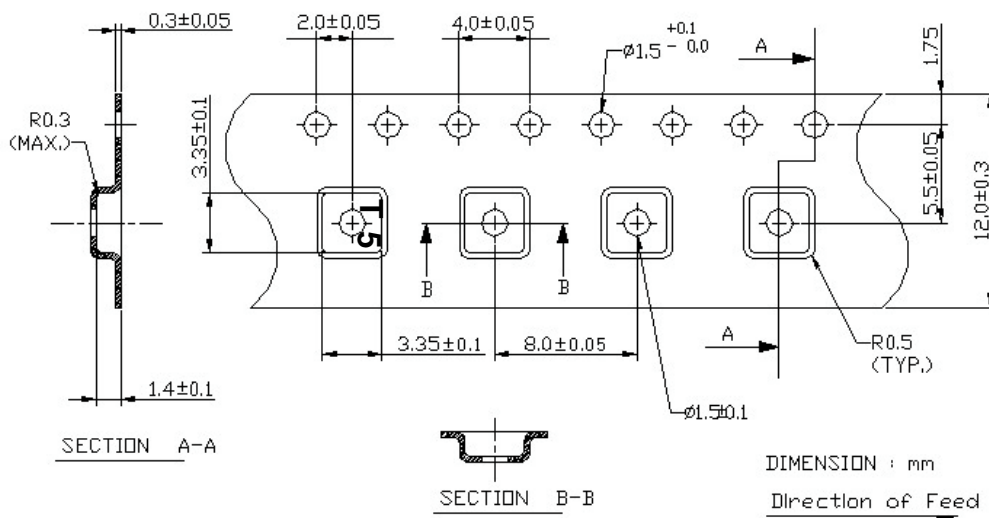
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**G. PACKING:**

**1. REEL DIMENSION**



**2.TAPE DIMENSION**



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**H. RECOMMENDED REFLOW PROFILE :**

