

**A. MAXIMUM RATING:**

1. Input Power Level: 13 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +85°C
4. Storage Temperature: -40°C to +85°C

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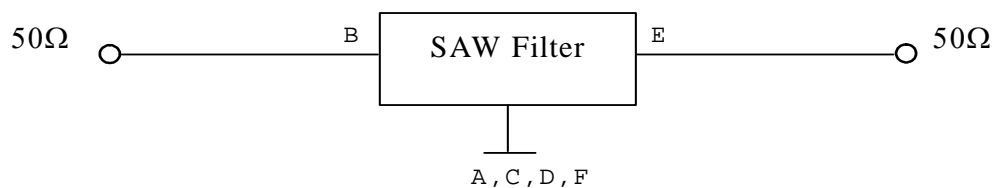
**B. ELECTRICAL CHARACTERISTICS:**


Characteristics			Specification			Note
			Min	Typ	Max	
Center frequency	Fc	MHz	-	940.5	-	-
Insertion loss	921~960 MHz I.L.	dB	-	3	4.5	-
Ripple	921~960 MHz	dB	-	1.5	2.9	-
VSWR	921~960 MHz		-	1.8	3.0	
Attenuation: ( Reference level from 0 dB )						
	0 ~ 800 MHz	dB	40	65	-	-
	800 ~ 878 MHz	dB	35	56	-	-
	878 ~ 897 MHz	dB	25	58	-	-
	982 ~ 1005 MHz	dB	22	30	-	-
	1005 ~ 1035 MHz	dB	29	41	-	-
	1035 ~ 1500 MHz	dB	38	52	-	-
	1500~ 2300 MHz	dB	30	51	-	-
	2300 ~ 3000 MHz	dB	20	35	-	-
Source Impedance	Z <sub>s</sub>	Ω		50		1
Load Impedance	Z <sub>L</sub>	Ω		50		1

Note1. No matching network required for operation at 50 Ω

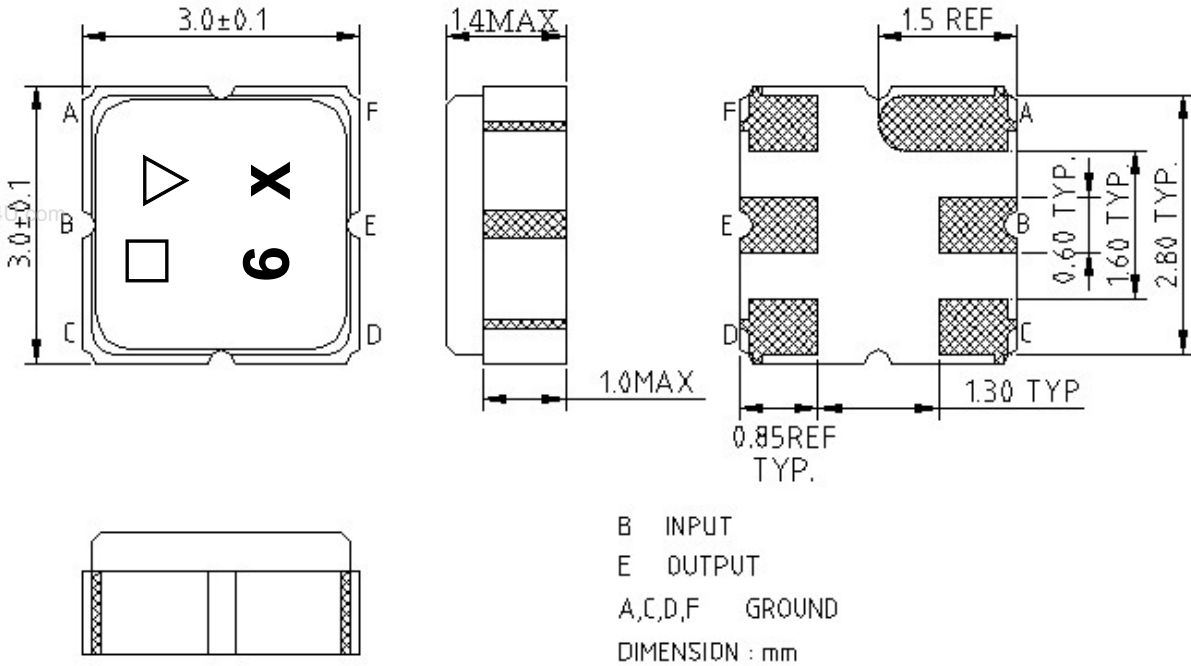
**C. MEASUREMENT CIRCUIT:**

HP Network analyzer



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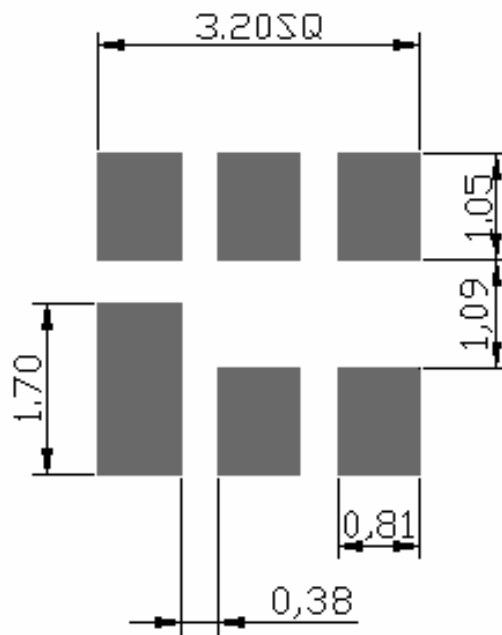
**D.OUTLINE DRAWING:**



△ : Year Code (2006->6, ..., 2009->9)

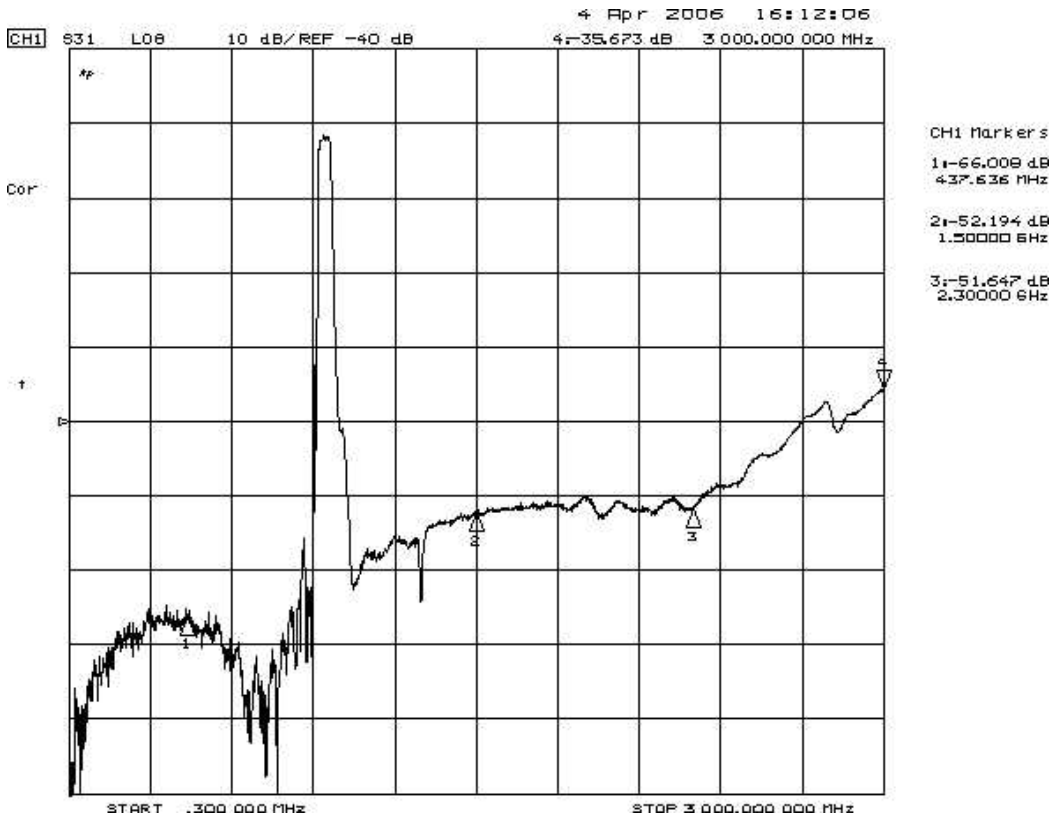
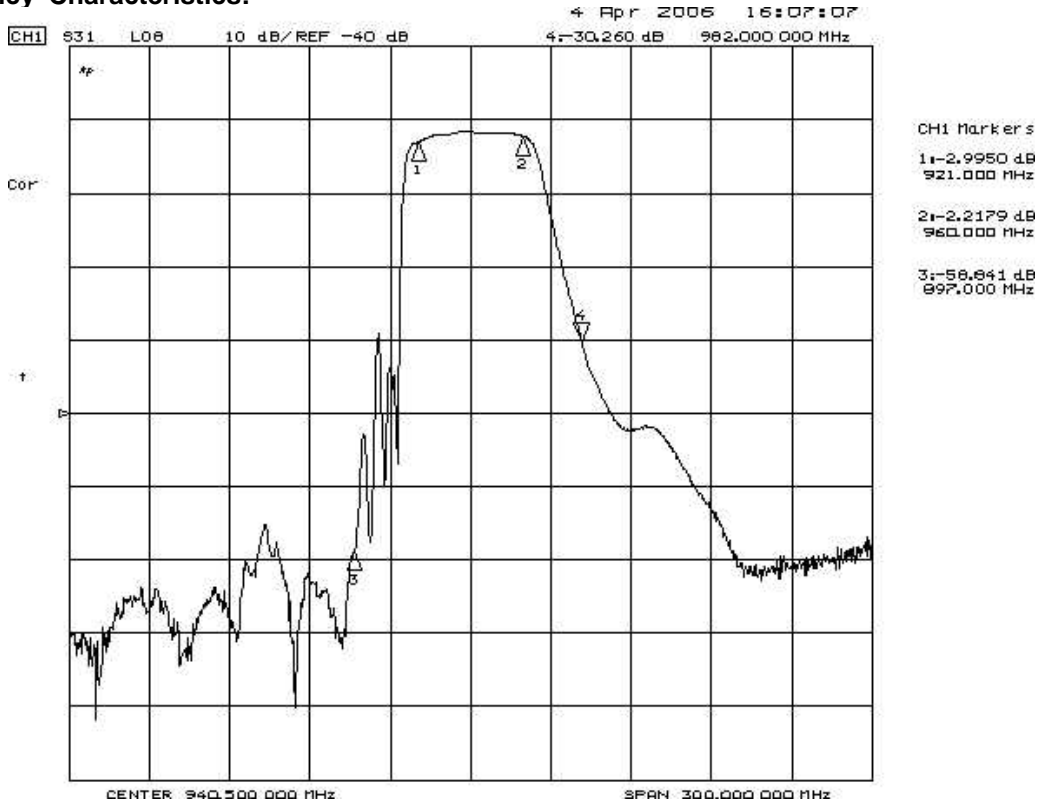
□: Date Code (Follow the table from planner each year)

**E.PCB Footprint**



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**F. Frequency Characteristics:**

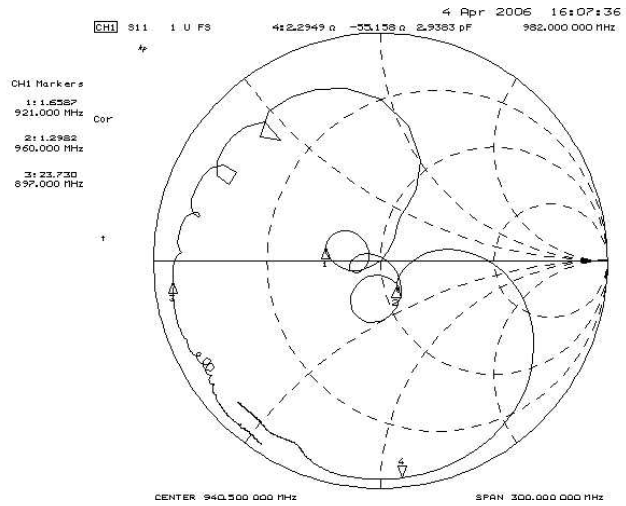
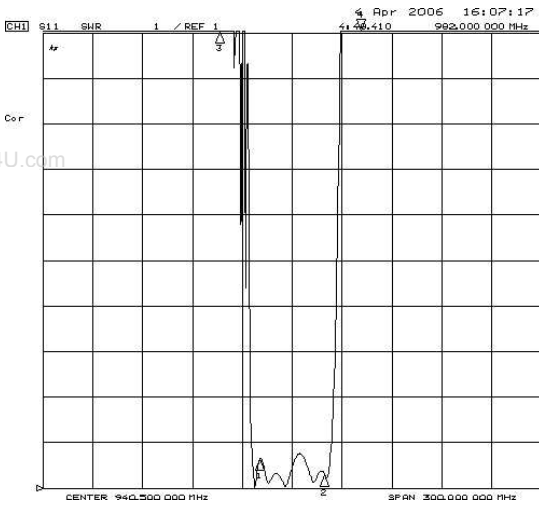


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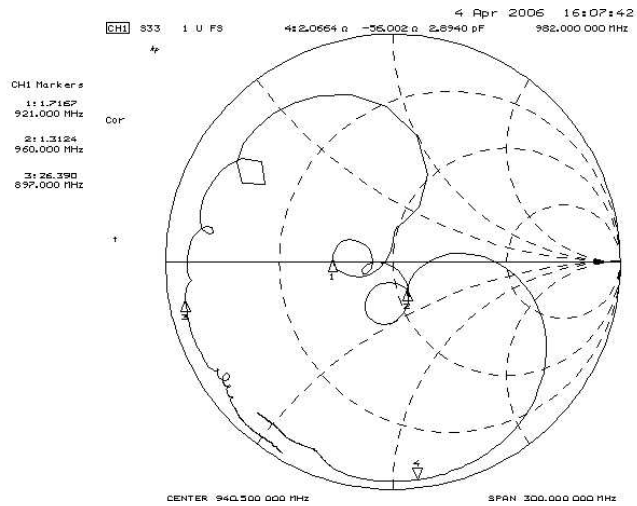
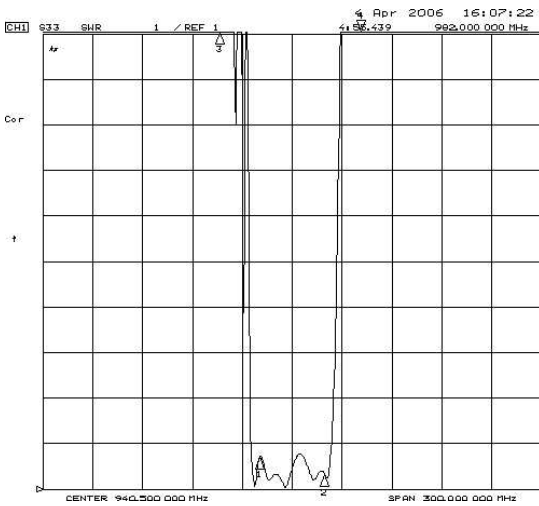
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**Reflections Functions:**

• S11 VSWR



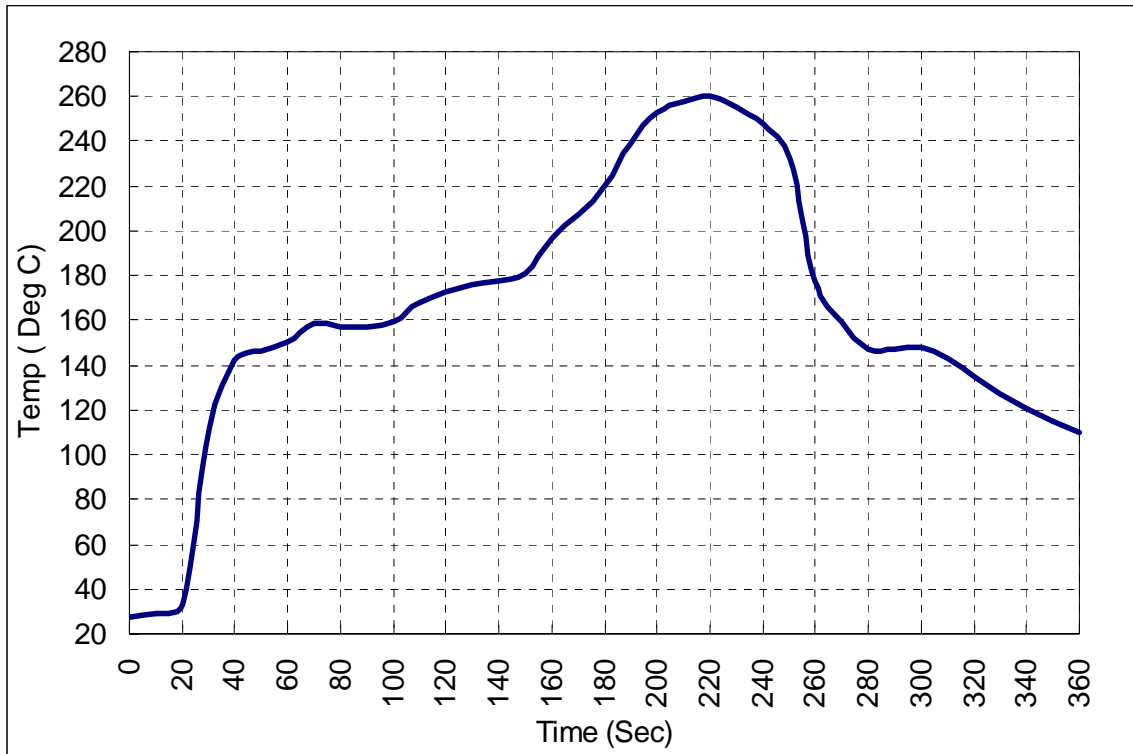
• S22 VSWR



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**H. RECOMMENDED REFLOWPROFILE:**



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