

SAW Filter 912.0MHz
Part No: MP06990

Model: TA0556A
Rev No: 1

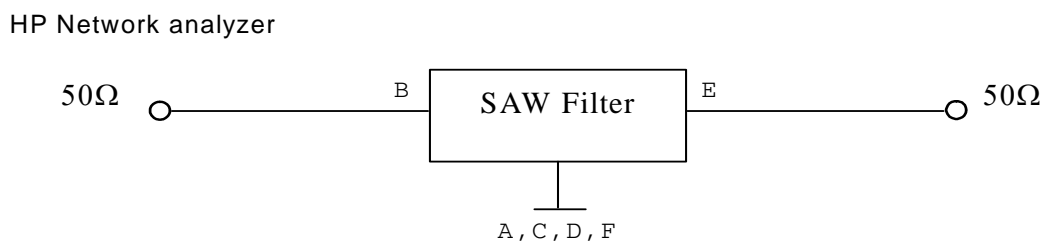
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
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.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	912	-	-
Insertion Loss (904 ~ 920MHz) IL	dB	-	1.6	3.3	-
Amplitude Ripple (904 ~ 920MHz)	dB	-	0.6	2	-
VSWR (904 ~ 920MHz)		-	1.65	2.4	-
Relative Attenuation (relative to 0dB)					
D.C. ~ 850MHz	dB	22	35	-	-
930 ~ 940MHz	dB	7	32	-	-
940 ~ 1500MHz	dB	23	37.6	-	-

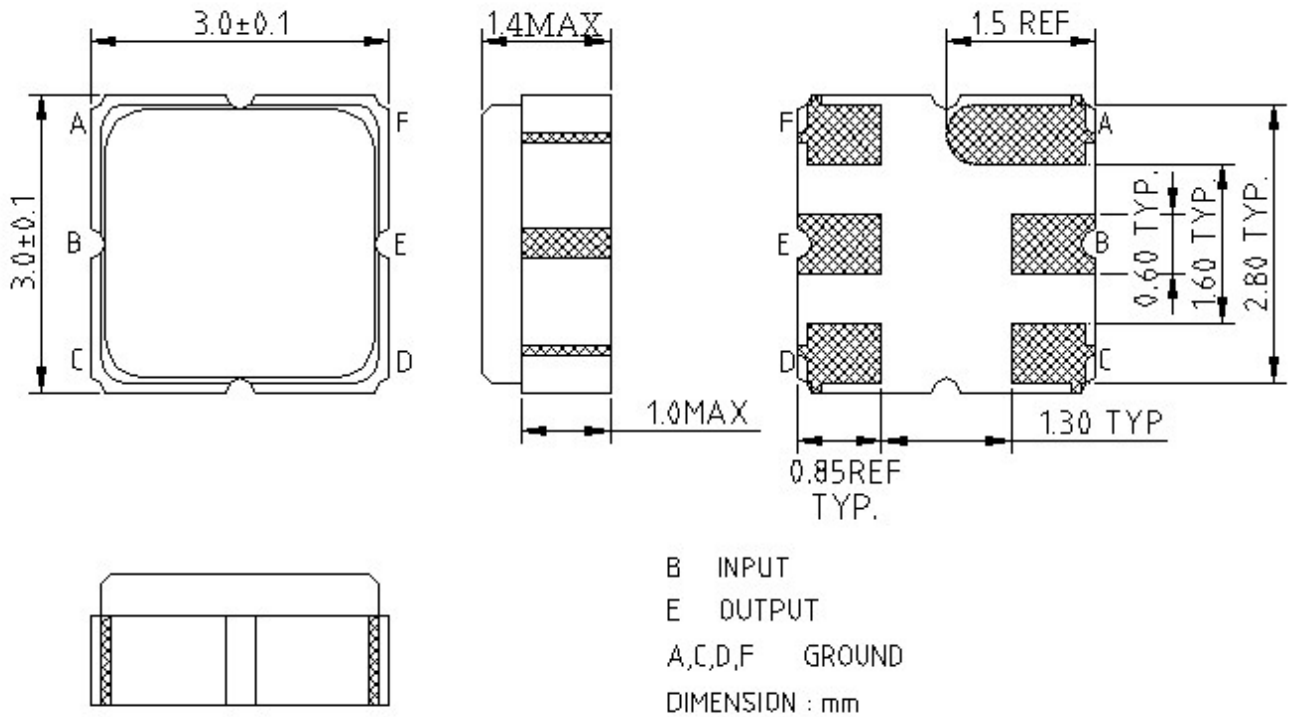
C. MEASUREMENT CIRCUIT:



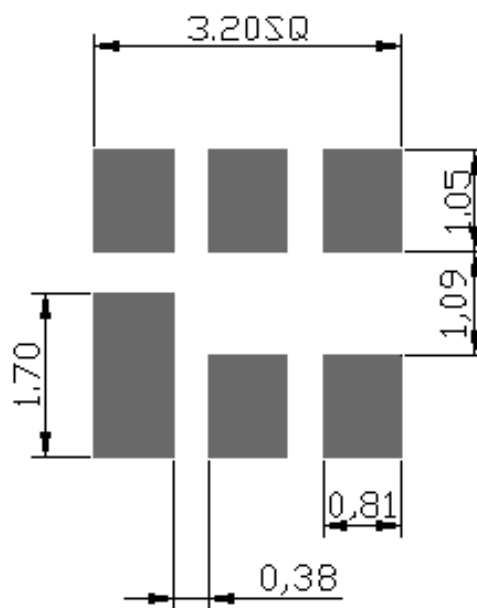
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D. OUTLINE DRAWING:



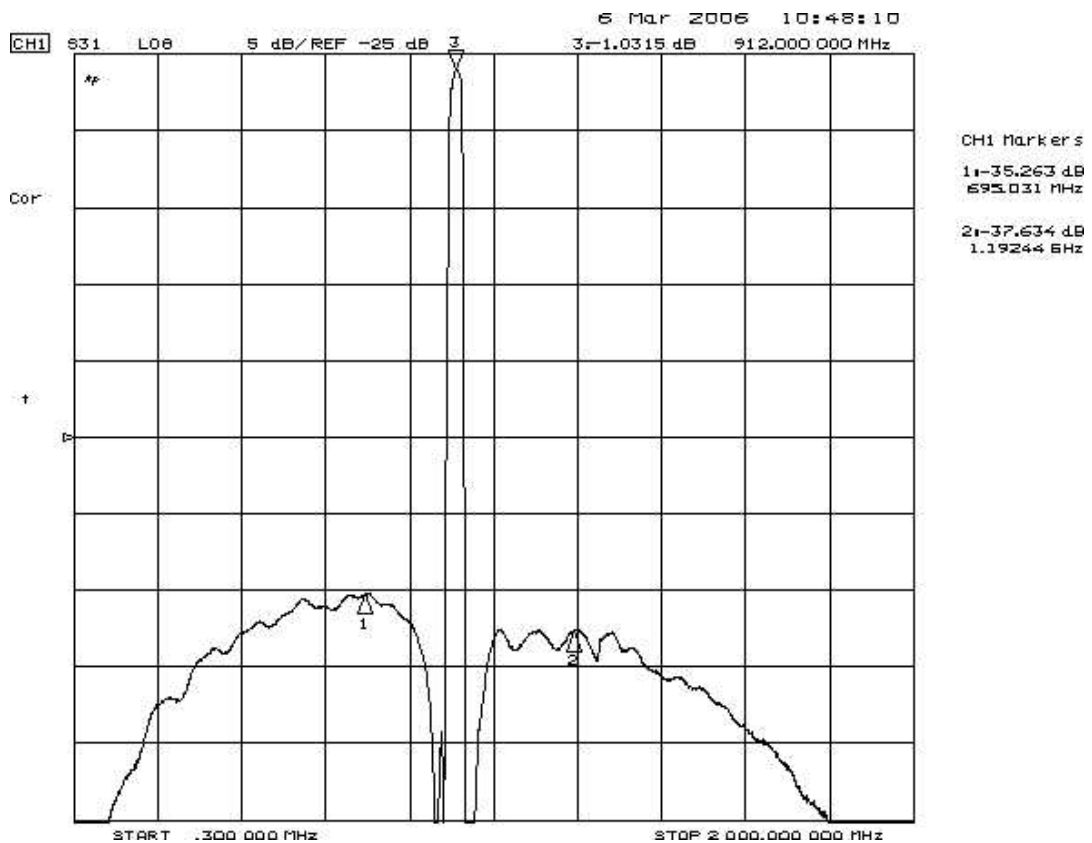
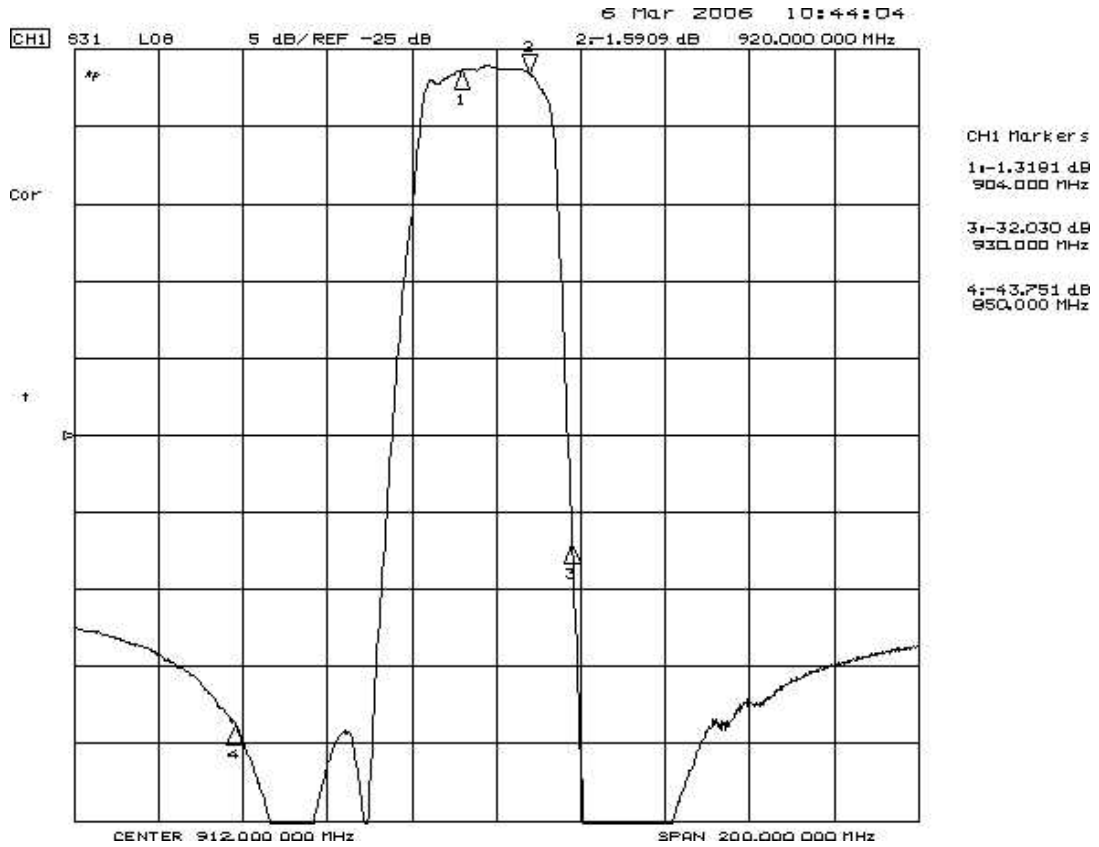
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

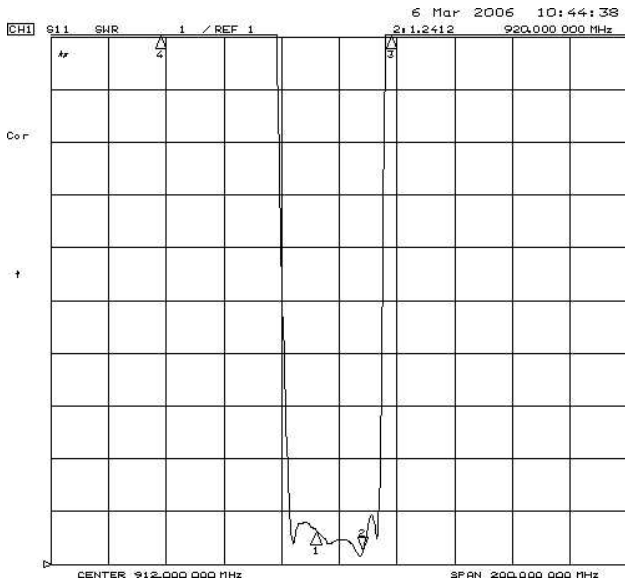


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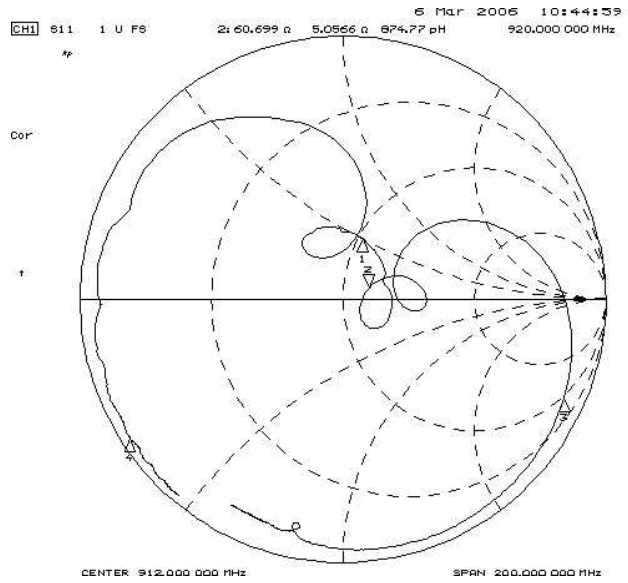
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Reflections Functions

S11 VSWR

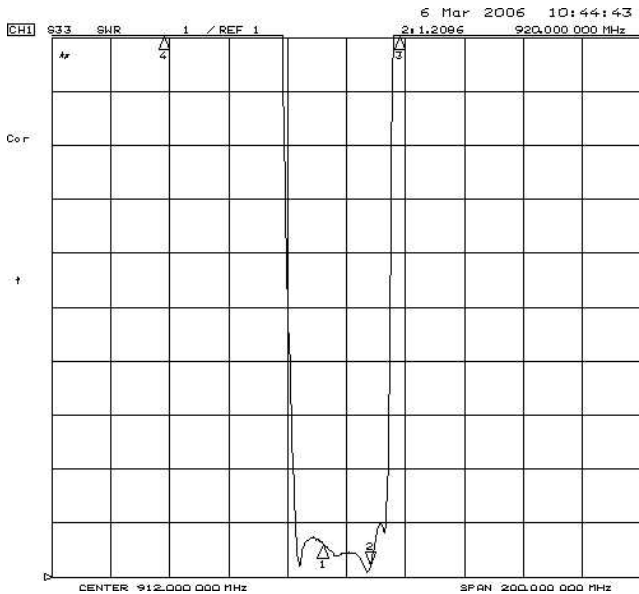


CHI Markers
 1: 1.6412
 904.000 MHz
 3: 24.296
 930.000 MHz
 4: 57.947
 850.000 MHz

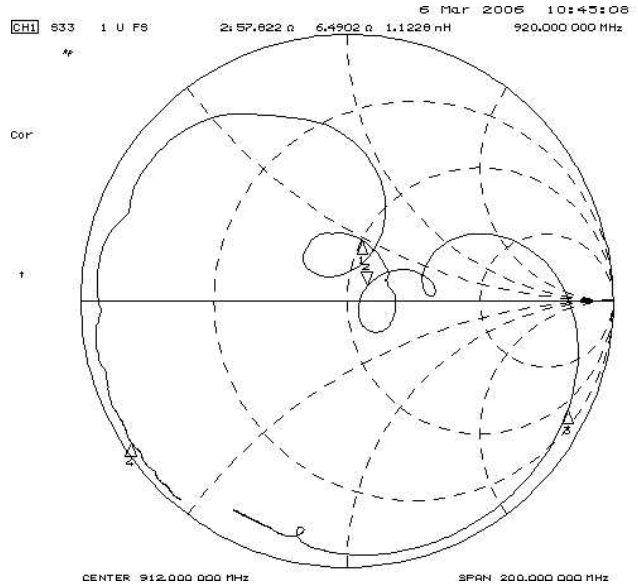


CHI Markers
 1: 51.795 Ω
 25.408 Ω
 904.000 MHz
 3: 45.969 Ω
 -227.66 Ω
 930.000 MHz
 4: 936.04 m Ω
 -14.791 Ω
 850.000 MHz

S22 VSWR



CHI Markers
 1: 1.6177
 904.000 MHz
 3: 25.954
 930.000 MHz
 4: 64.543
 850.000 MHz



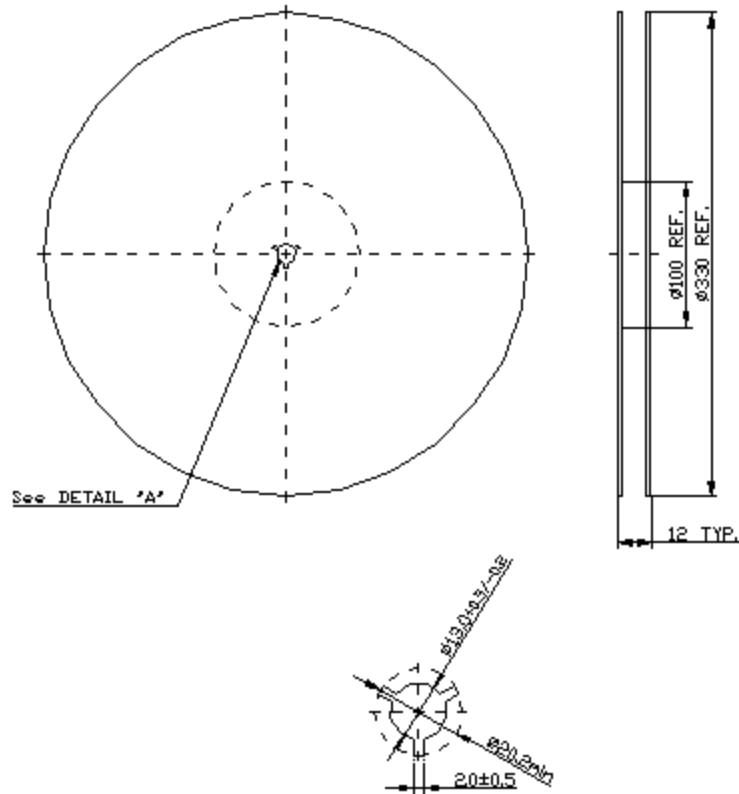
CHI Markers
 1: 50.184 Ω
 24.322 Ω
 904.000 MHz
 3: 36.150 Ω
 -208.41 Ω
 930.000 MHz
 4: 839.84 m Ω
 -14.888 Ω
 850.000 MHz

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G. PACKING:

1. Reel Dimension



2. Tape Dimension

