

SAW Filter 940.50MHz

Model: TA0546A

Part No: MP02488

REV NO.: 1

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

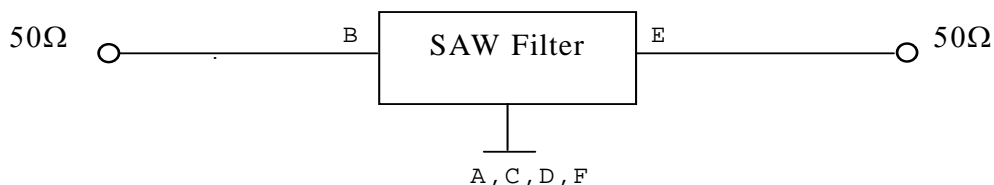
B. ELECTRICAL CHARACTERISTICS:

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 _s Ω			50		1
Load Impedance	Z _L Ω			50		1

Note1. No matching network required for operation at 50 Ω

C. MEASUREMENT CIRCUIT:

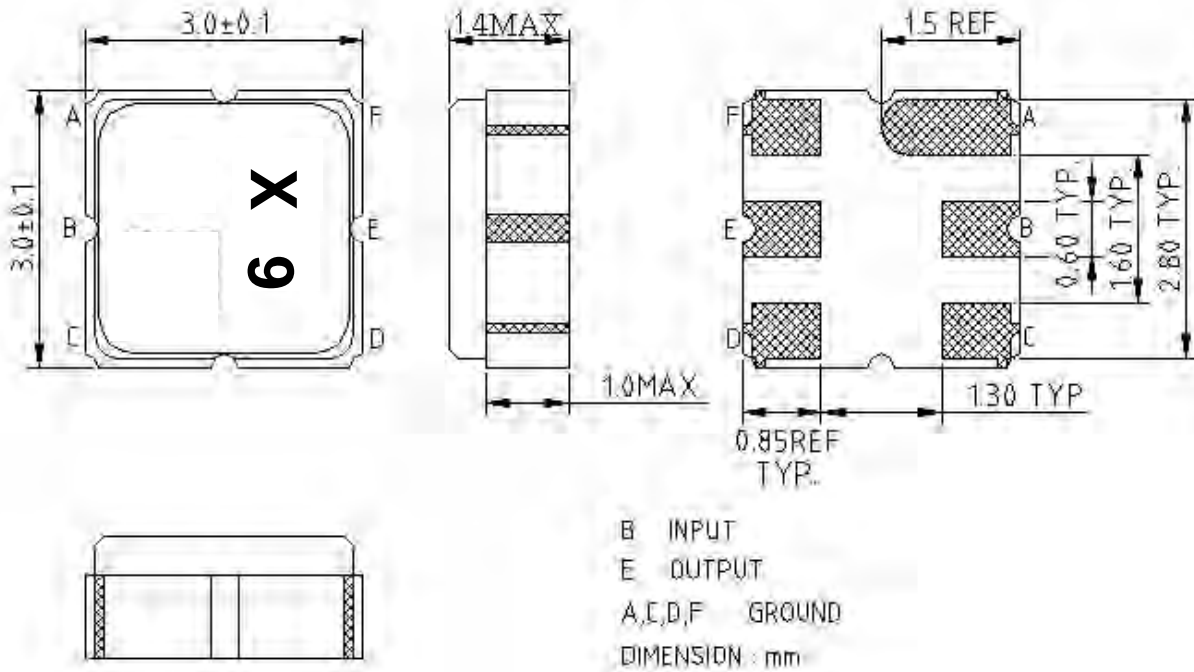
HP Network analyzer



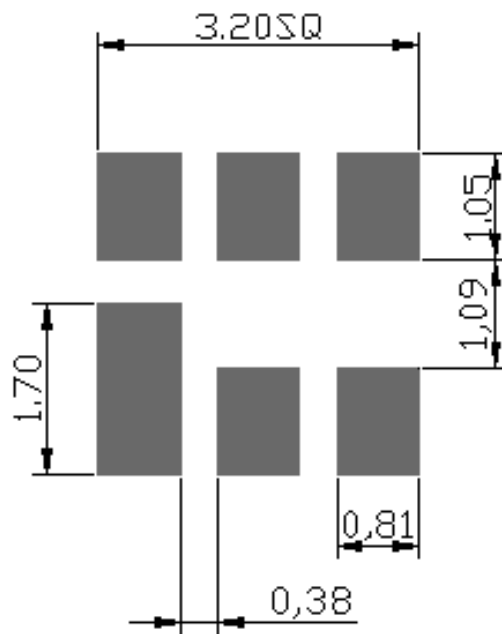
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D. OUTLINE DRAWING:



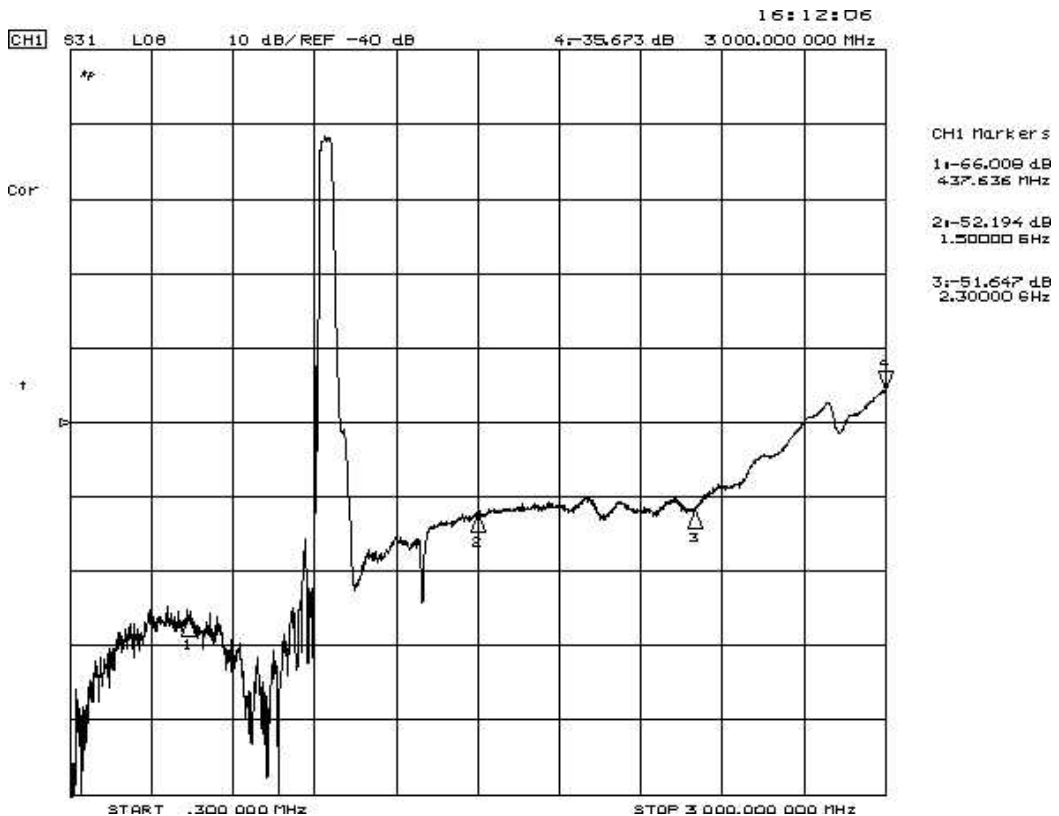
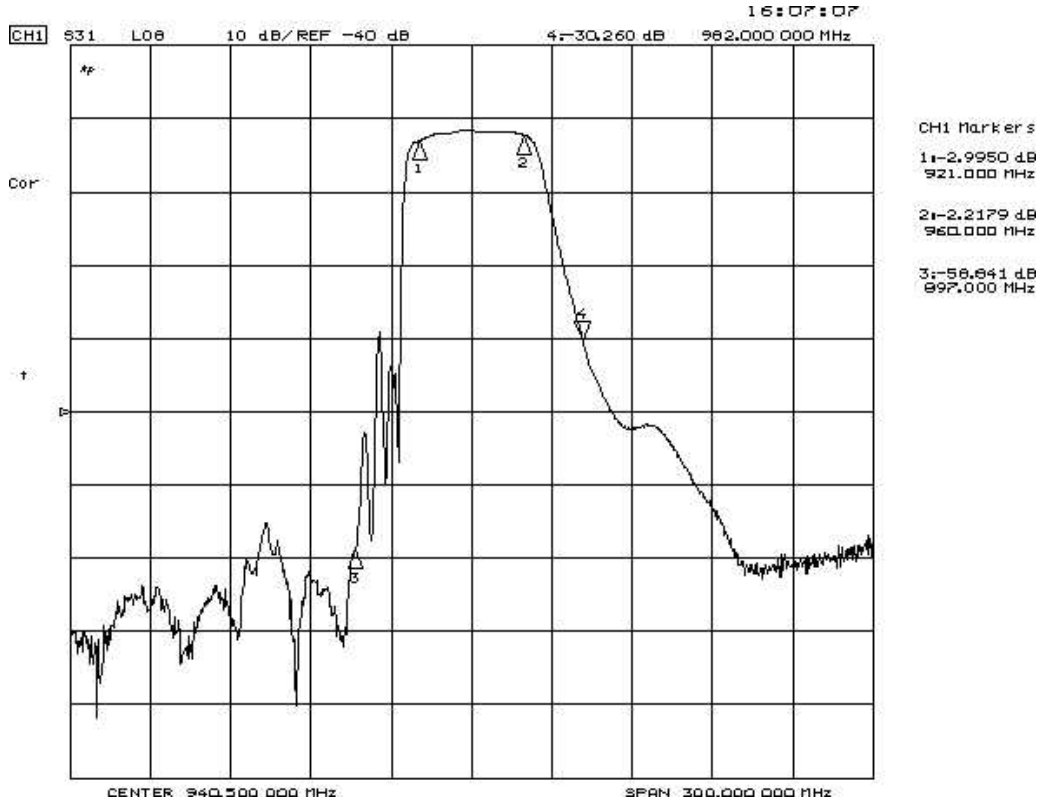
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

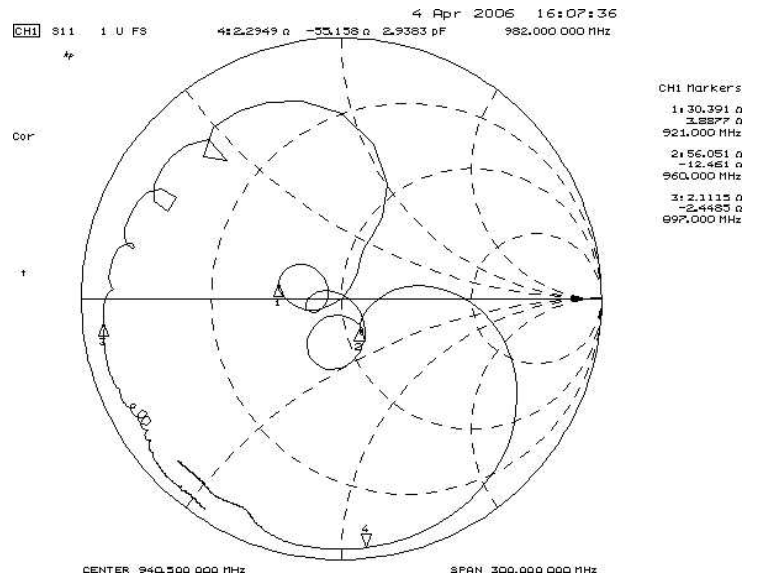
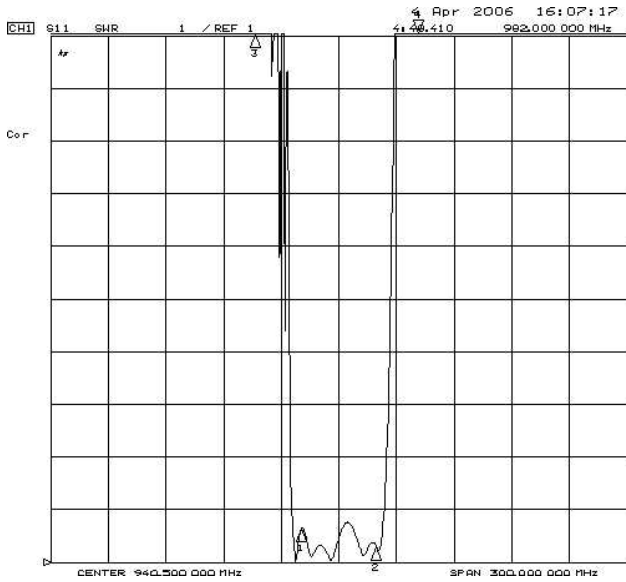


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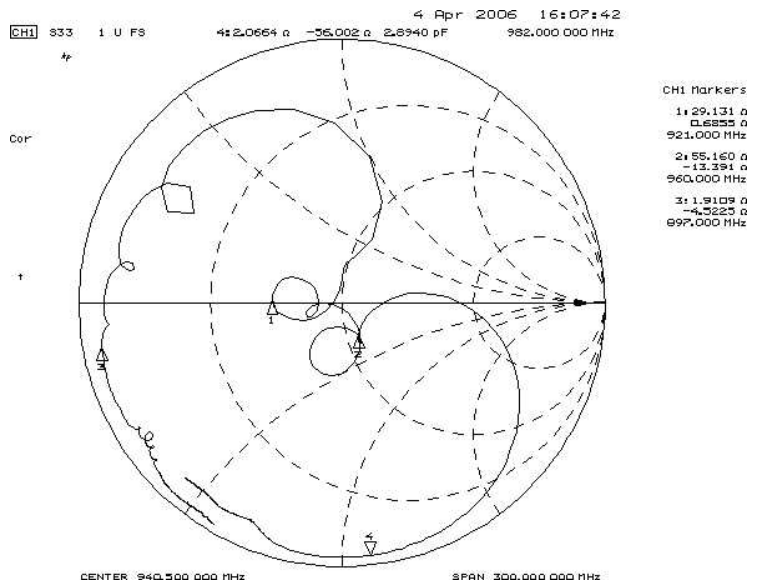
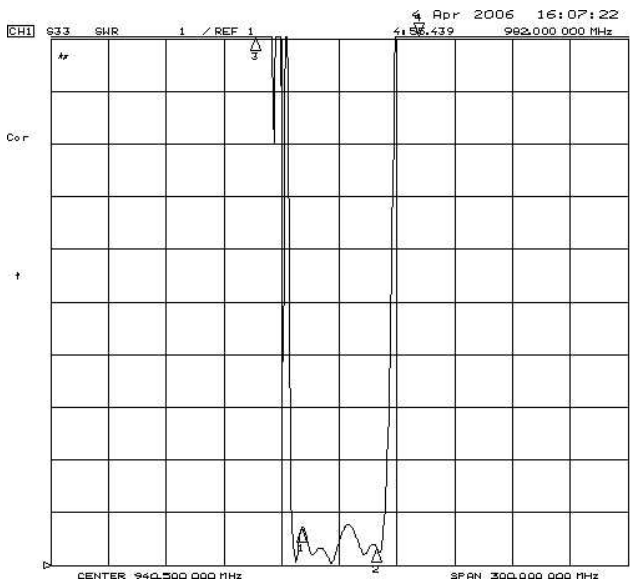
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Reflections Functions:

S11 VSWR



S22 VSWR



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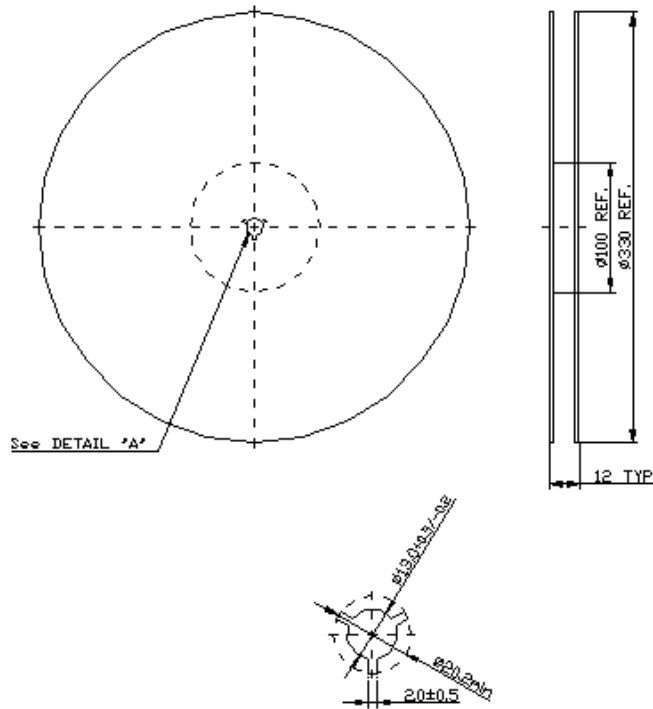
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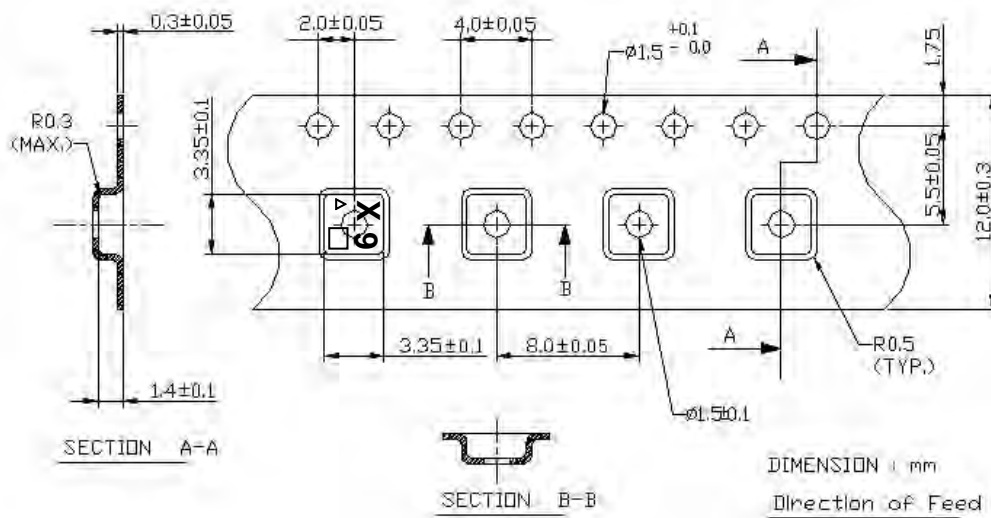
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000)



2.TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE :

