

SAW Filter 938.0MHz
Part No: MP04279

Model: TA1286A
Rev No: 1

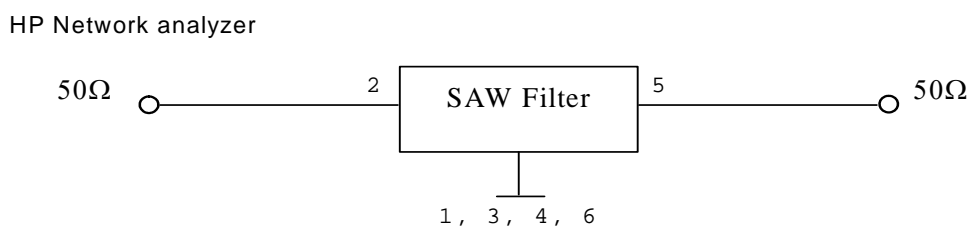
A. MAXIMUM RATING:

1. Input Power Level: 16dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	938	-
Insertion loss (935 ~ 941MHz) IL	dB	-	2.5	3.7
Amplitude ripple (935 ~ 941MHz)	dB	-	0.2	1.4
VSWR (935 ~ 941MHz)	-	-	1.5	2.2
Attenuation (Reference level from 0dB)				
40 ~ 400MHz	dB	40	63	-
700 ~ 850MHz	dB	20	52	-
893 ~ 910MHz	dB	15	50	-
965 ~ 983MHz	dB	25	49	-
1076 ~ 1092MHz	dB	45	51	-
1100 ~ 1600MHz	dB	45	48	-
1600 ~ 3000MHz	dB	30	33	-
Temperature coefficient of frequency	ppm/k	-	-36	-

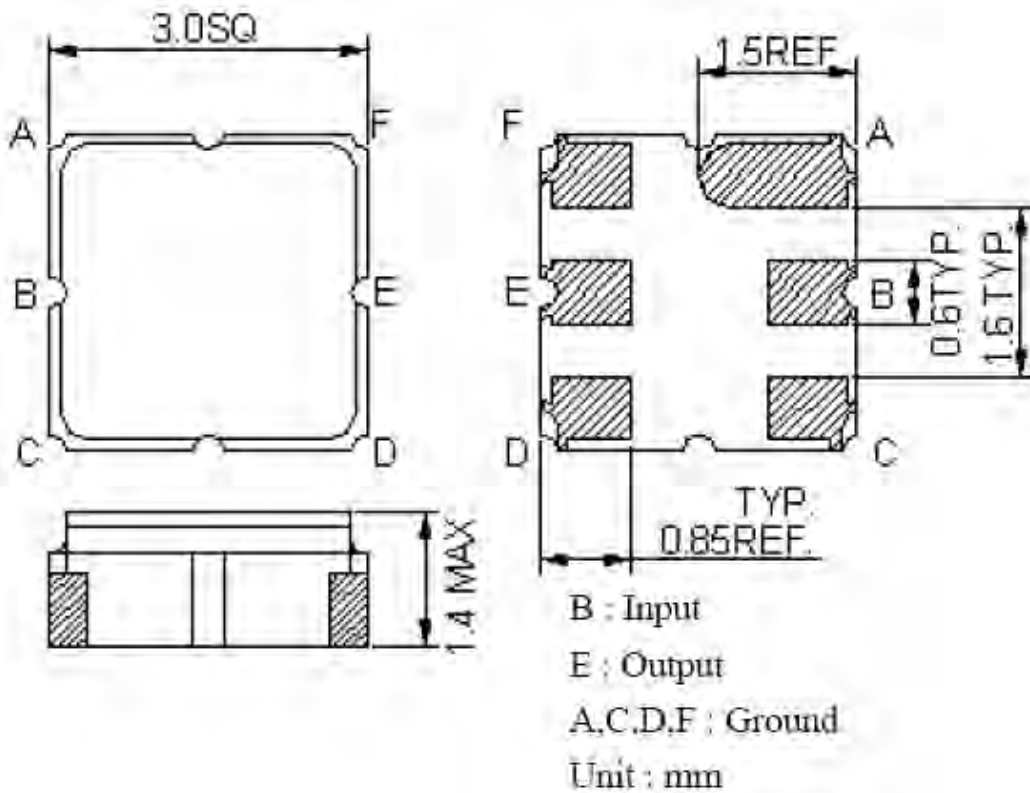
C. MEASUREMENT CIRCUIT:



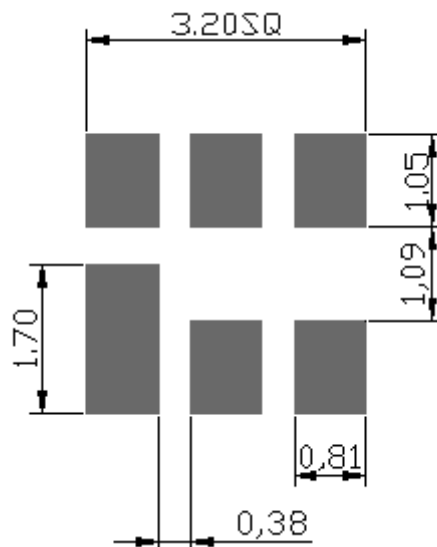
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D. OUTLINE DRAWING:



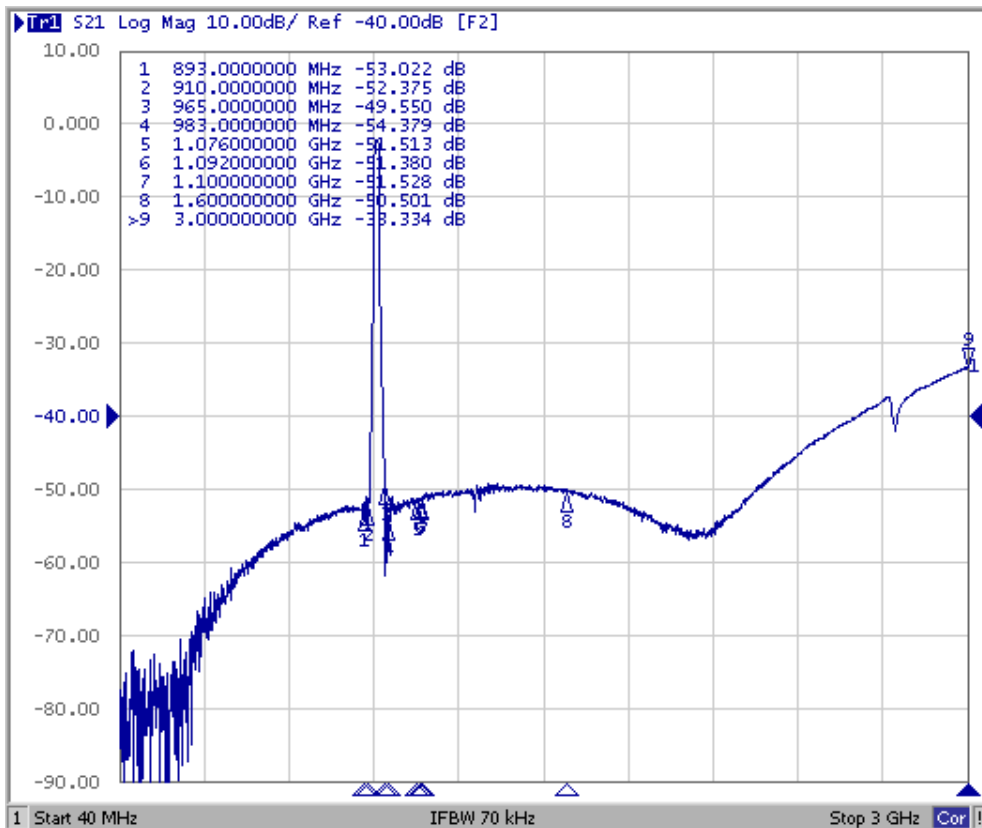
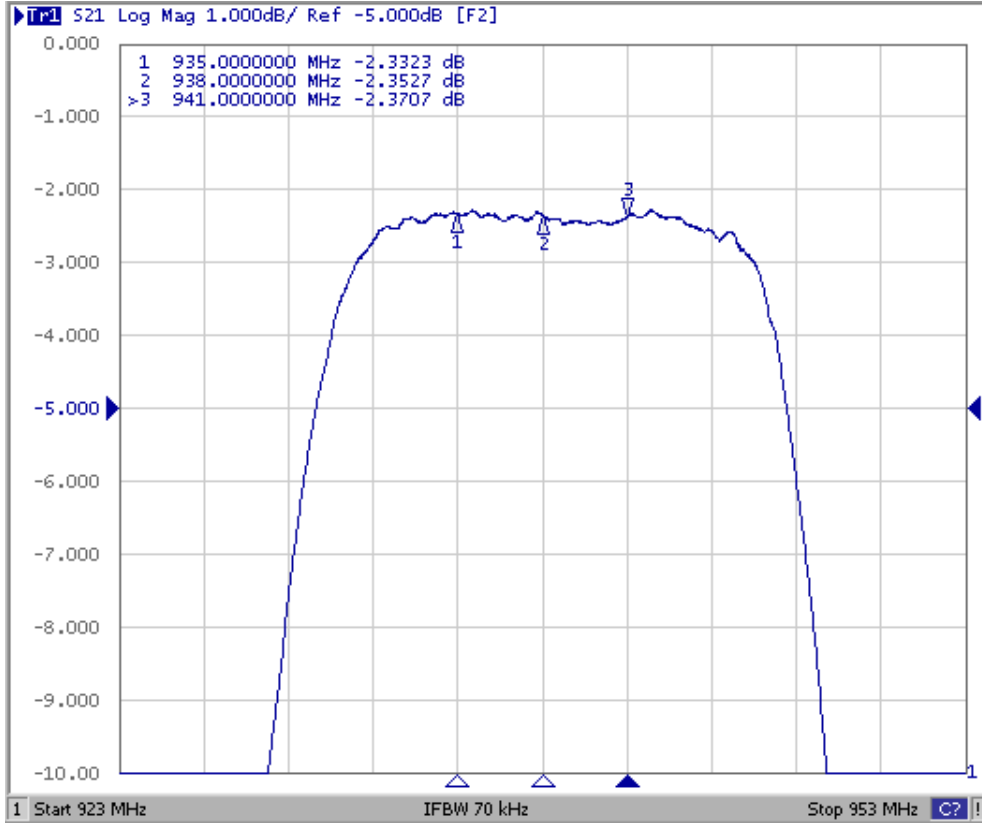
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

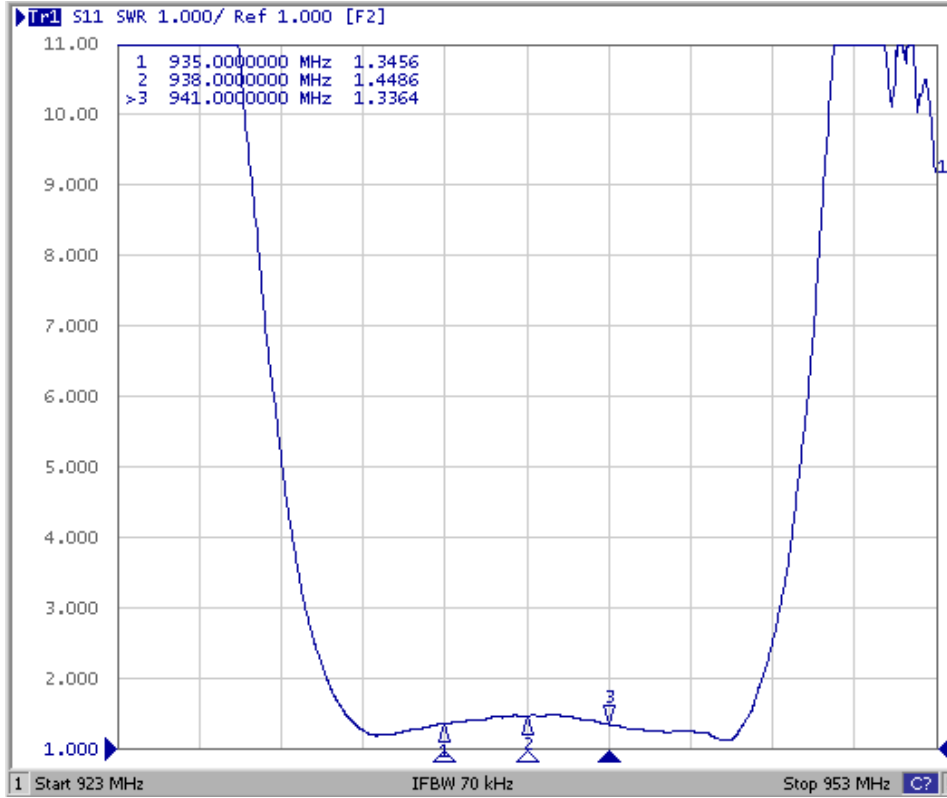


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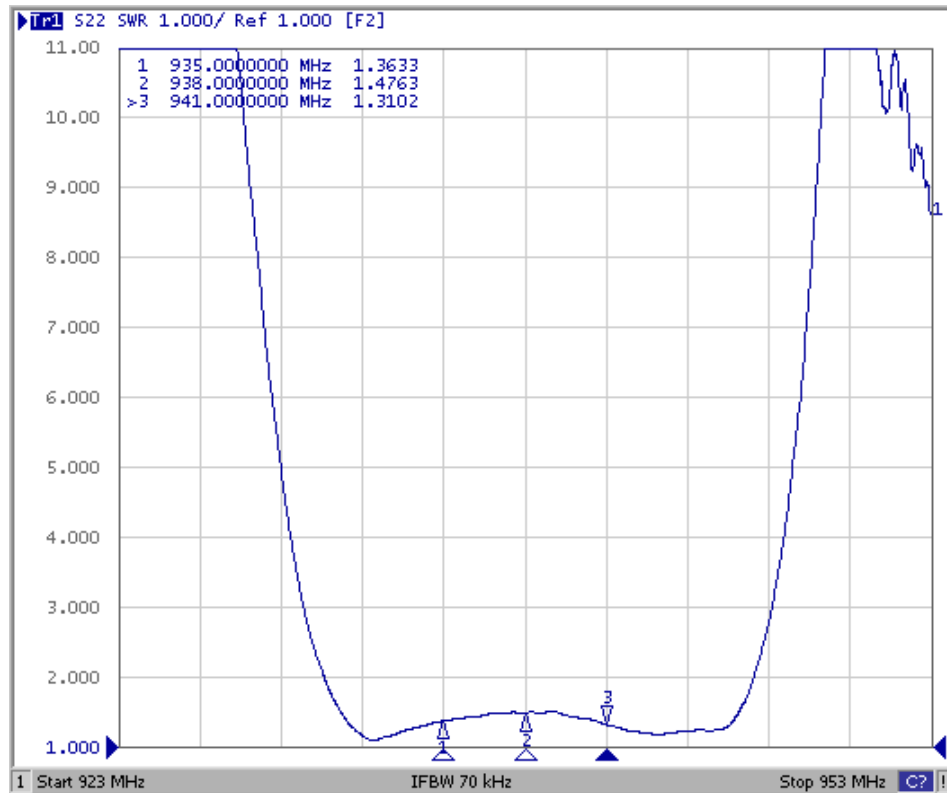
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Reflection Functions

S11



S22



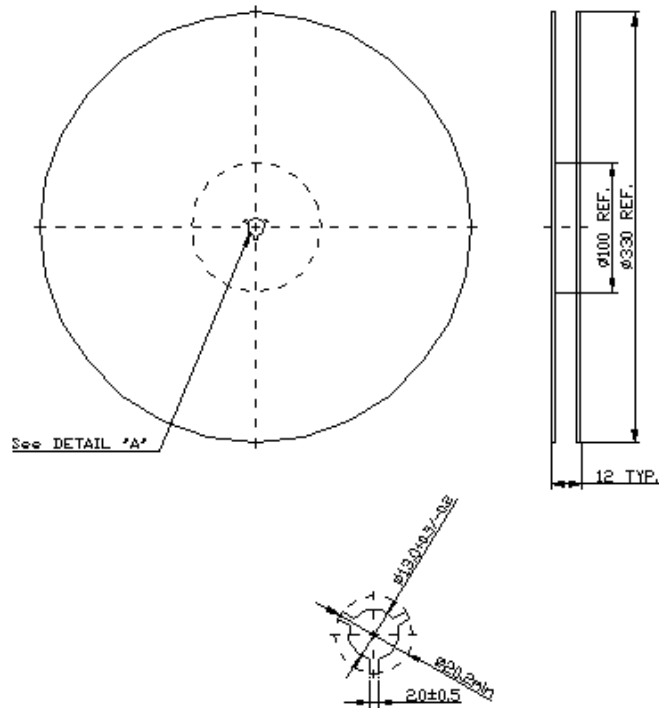
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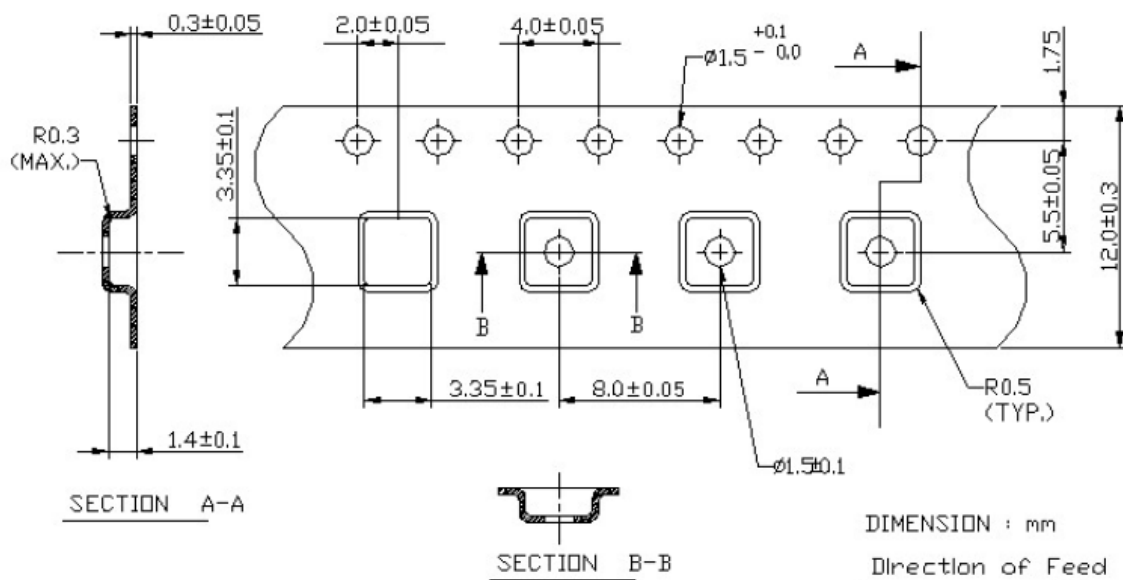
G. PACKING:

1. Reel Dimension

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



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

