

SAW Filter 1227MHz

Model: TA1227BB

Part No: MP01601

REV. NO.: 2

A. MAXIMUM RATING:

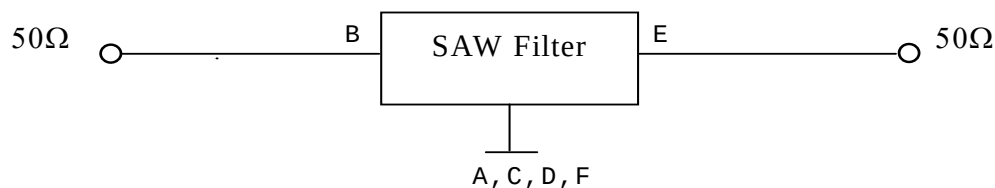
1. Input Power Level: 20 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1227	-	-
Insertion Loss (1217 ~ 1237 MHz) IL	dB	-	1.3	2.2	-
Amplitude Ripple (1217 ~ 1237 MHz)	dB	-	0.4	2	-
VSWR (1217 ~ 1237 MHz)		-	1.3	2	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 450 MHz	dB	28	32	-	-
450 ~ 1150 MHz	dB	24	27	-	-
1150 ~ 1177 MHz	dB	20	37	-	-
1277 ~ 1300 MHz	dB	20	35	-	-
1300 ~ 2000 MHz	dB	27	31	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



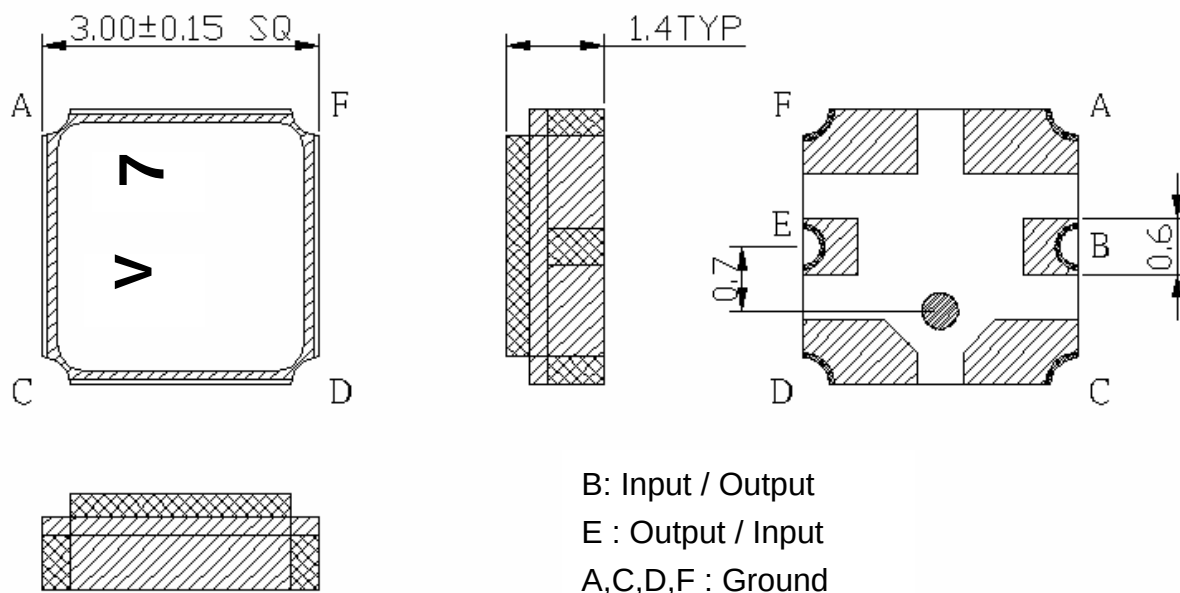
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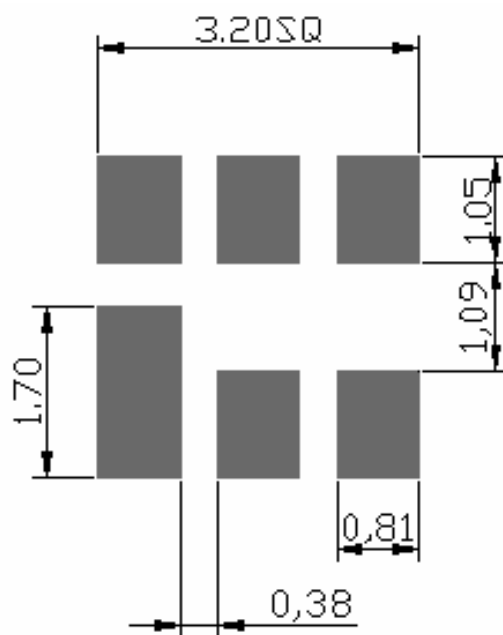
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:



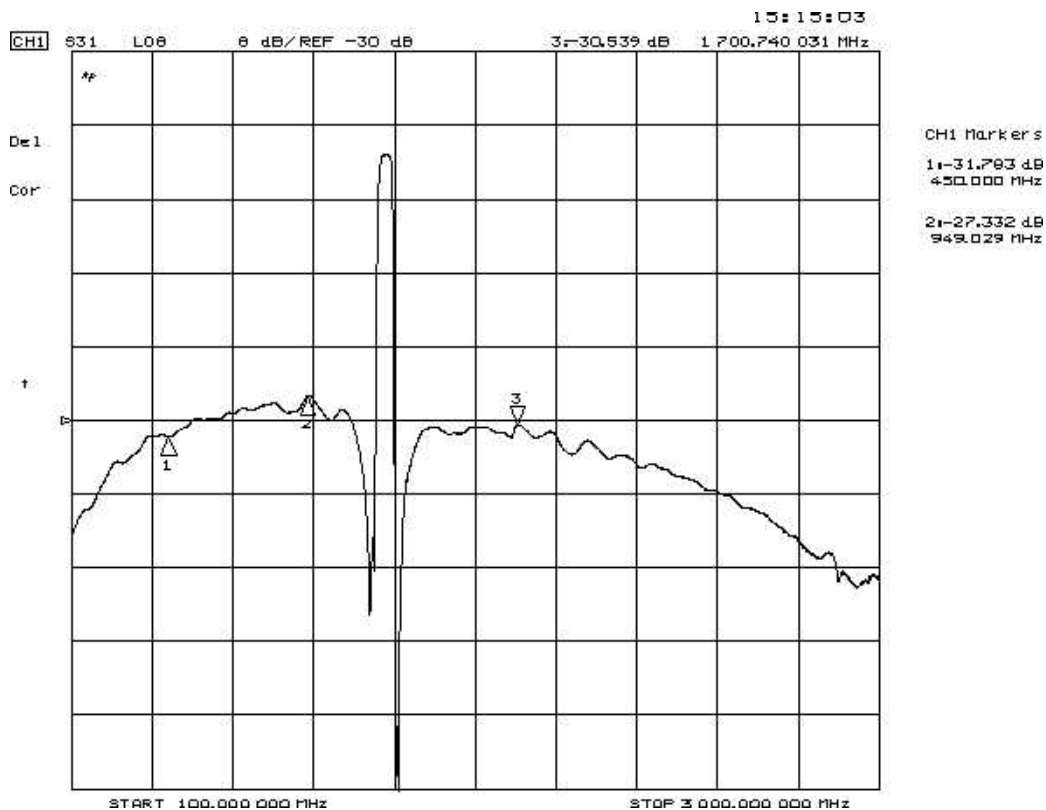
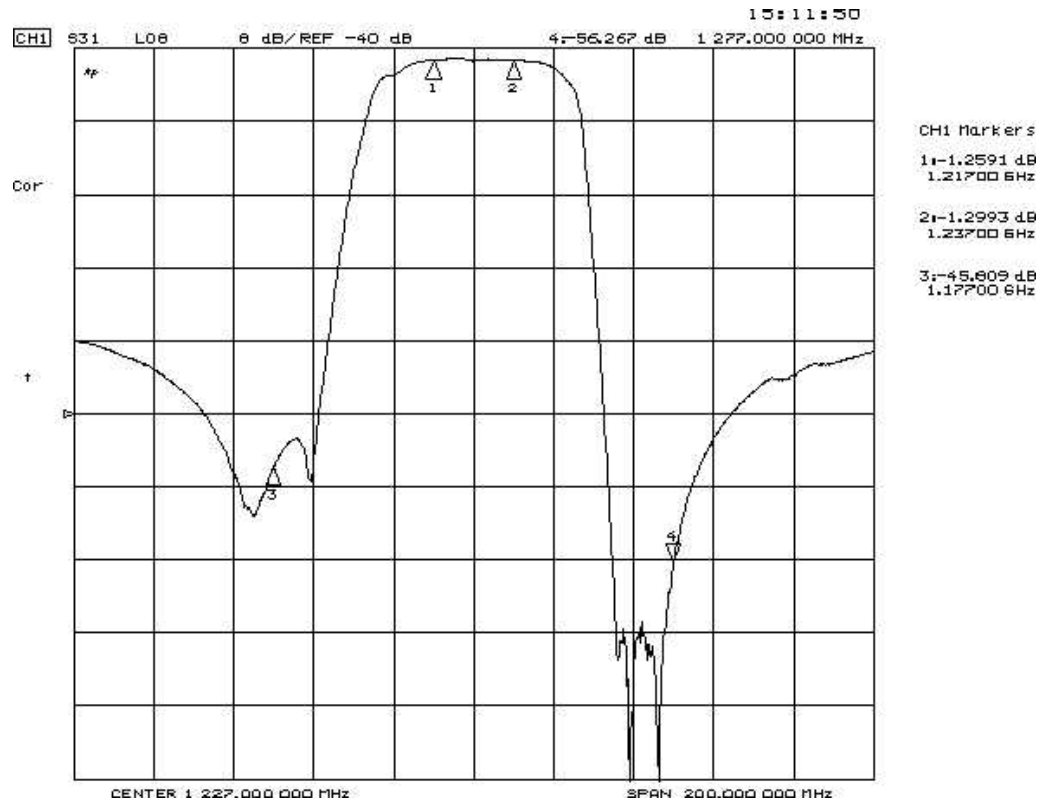
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F. FREQUENCY CHARACTERISTICS:



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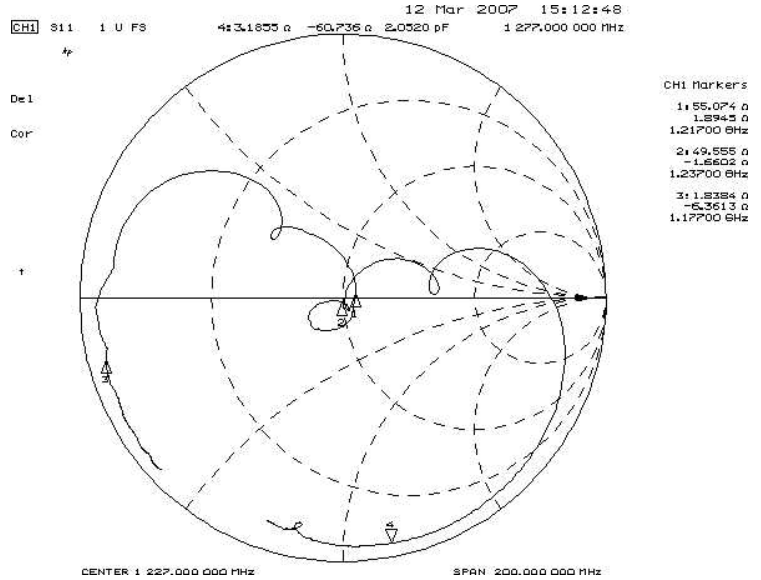
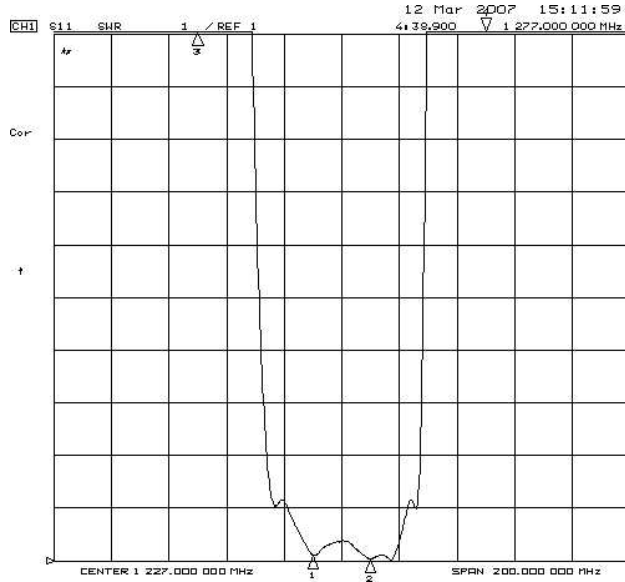
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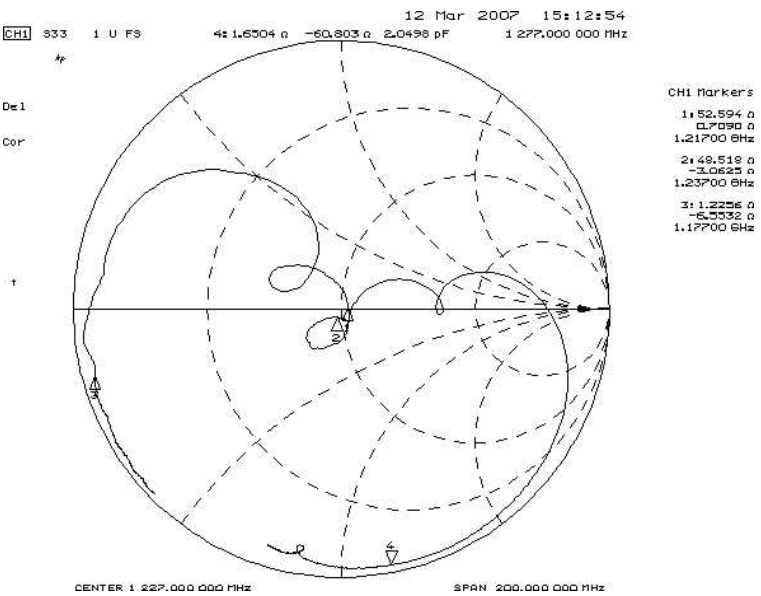
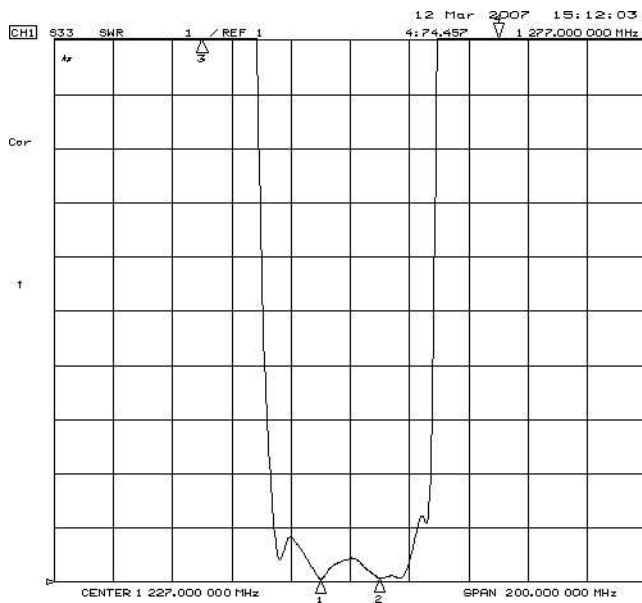
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Reflections Functions :

S11 VSWR



S22 VSWR



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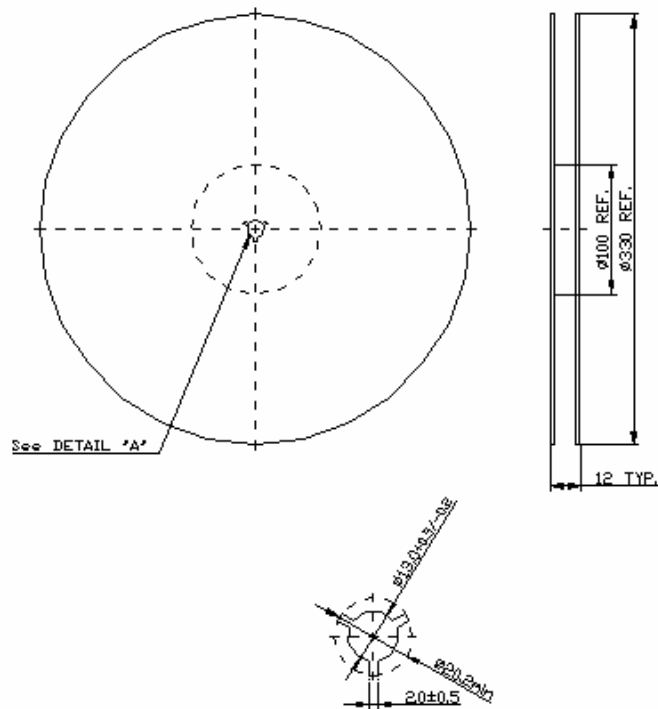
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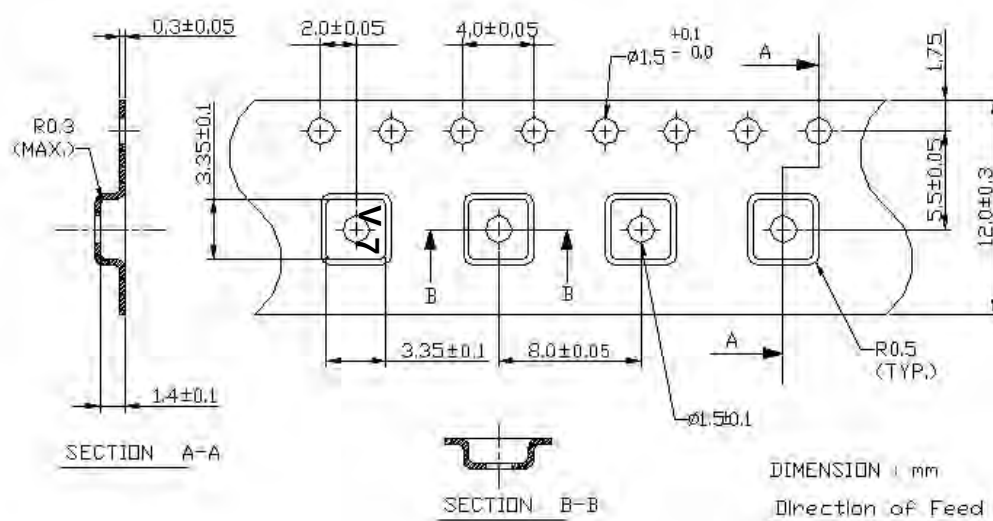
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G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE :

