

SAW Filter 2140MHz
Part No: MA06327

Model: TA0174G
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 13dBm
2. DC voltage: 0V
3. Operating Temperature: 25°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

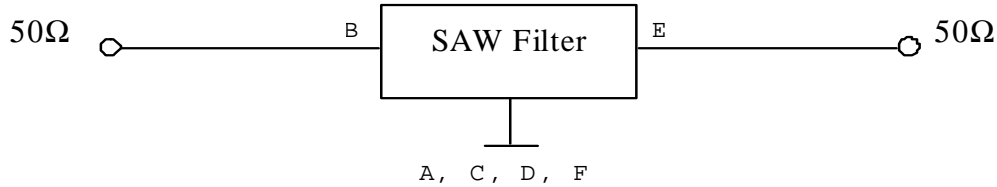
Item	Min.	Typ.	Max.
Center frequency Fc (MHz)	-	2140	-
Insertion loss (2110 ~ 2170MHz) IL (dB)	-	2.1	3.5
Amplitude ripple (2110 ~ 2170MHz) (dB)	-	0.6	2.0
Attenuation (Reference level from 0dB)			
DC ~ 500MHz (dB)	21	33	-
500 ~ 1900MHz (dB)	20	28	-
1900 ~ 2050MHz (dB)	25	30	-
2215 ~ 2300MHz (dB)	20	32	-
2300 ~ 4500MHz (dB)	25	32	-
Input/Output VSWR (2110 ~ 2170MHz)	-	1.7	1.95
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

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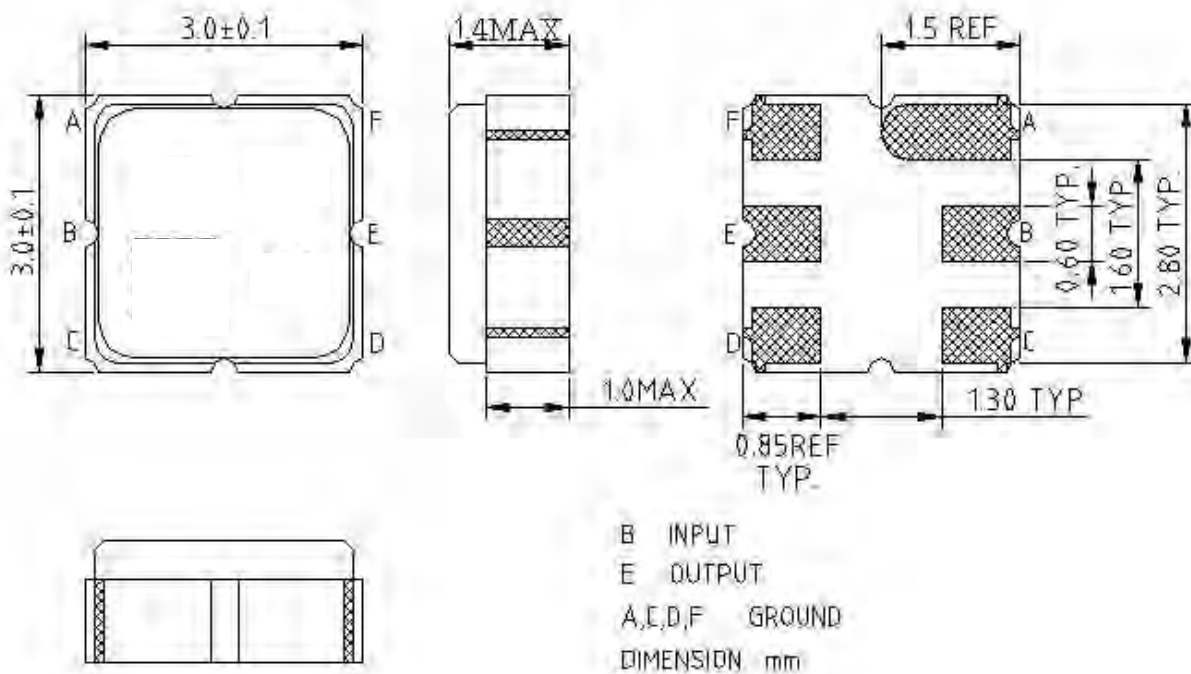
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C. MEASUREMENT CIRCUIT:

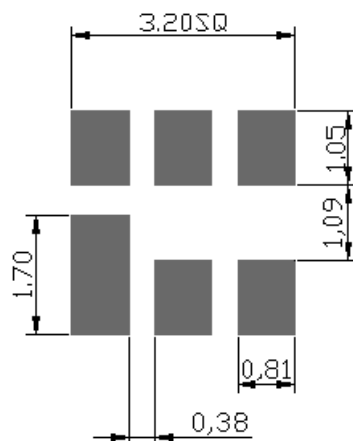
HP Network analyzer



D. OUTLINE DRAWING:



E. PCB FOOTPRINT:

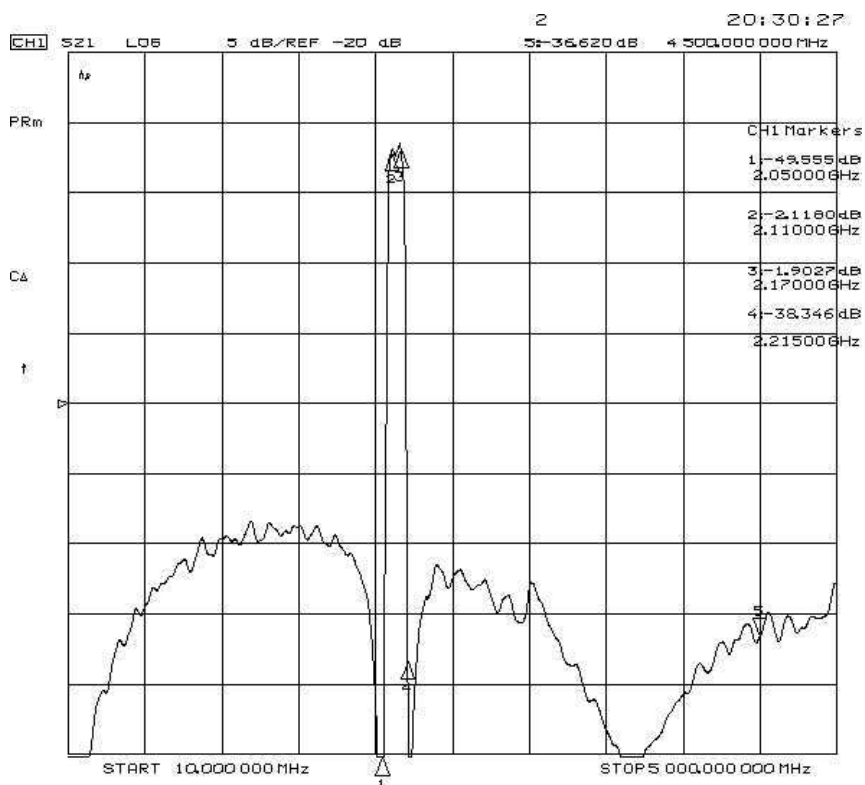
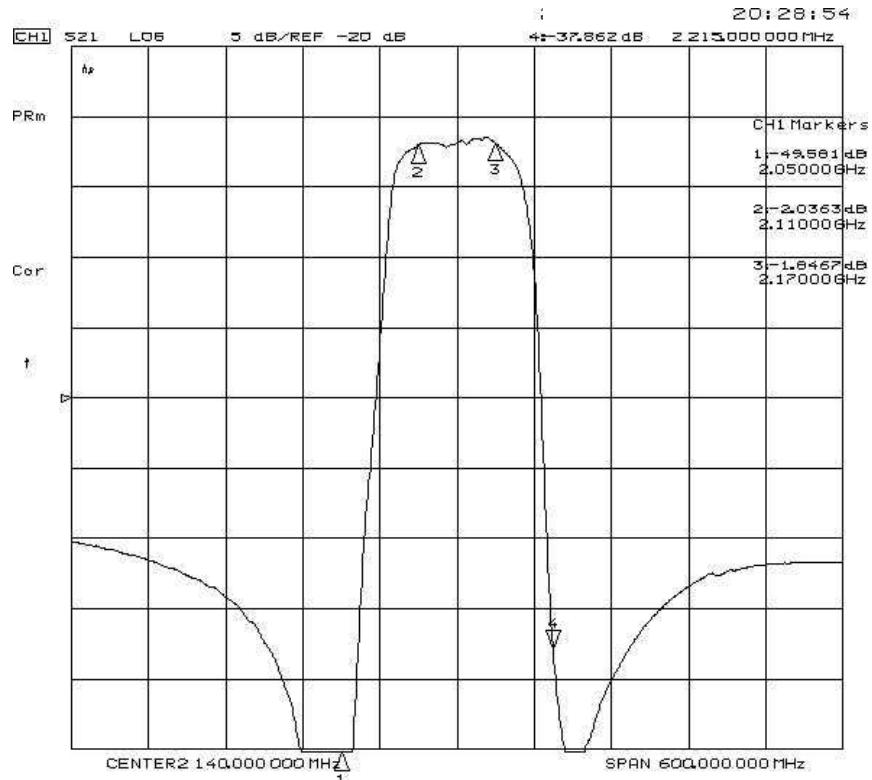


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F. FREQUENCY CHARACTERISTICS:

Transfer function

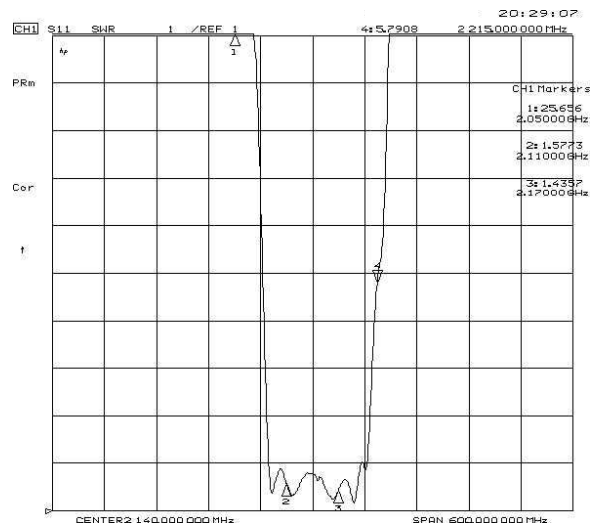
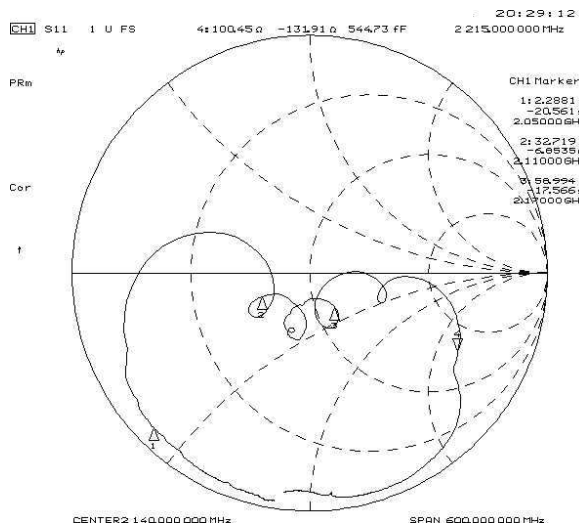


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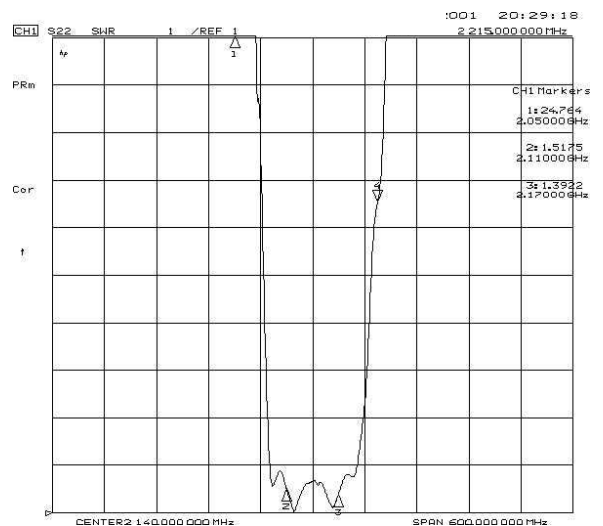
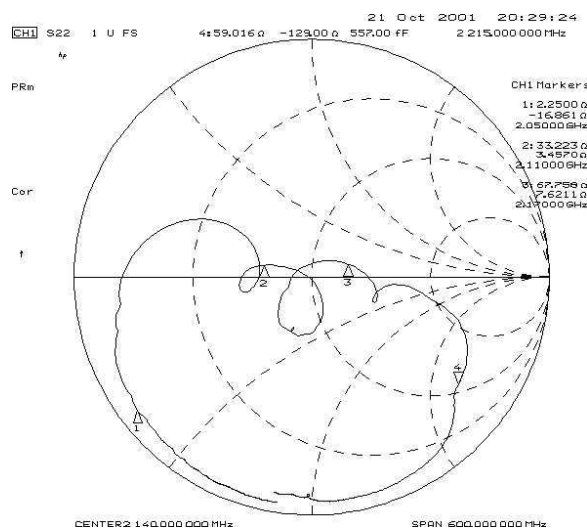
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Reflections Functions

S11



S22

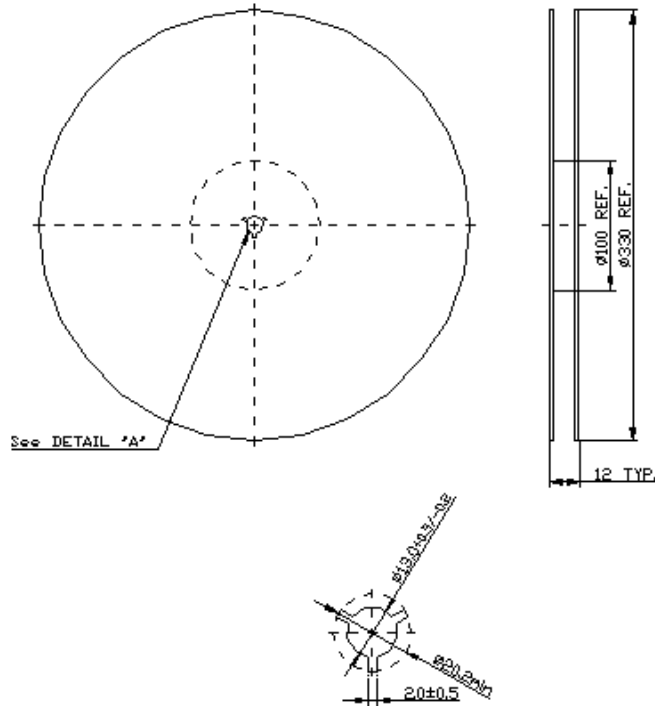


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

