

SAW Filter 462.50MHz

Model: TA1422A

Part No: MP04871

Rev No: 3

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 27dBm
2. DC Voltage: 0V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.	Note
Center frequency, Fc (MHz)	-	462.5	-	
Minimum I.L. (dB) (460 ~ 464.8MHz)	-	2.8	3.5	
VSWR (460 ~ 464.8MHz)	-	1.9	2.4	
Attenuation: (dB)	-	-	-	
0.3 ~ 450MHz	40	45	-	
450 ~ 454.8MHz	35	46	-	
485 ~ 505MHz	40	50	-	
505 ~ 1200MHz	30	41	-	
1200 ~ 2000MHz	20	32	-	
Source Impedance (ohm)	-	50	-	
Load Impedance (ohm)	-	50	-	

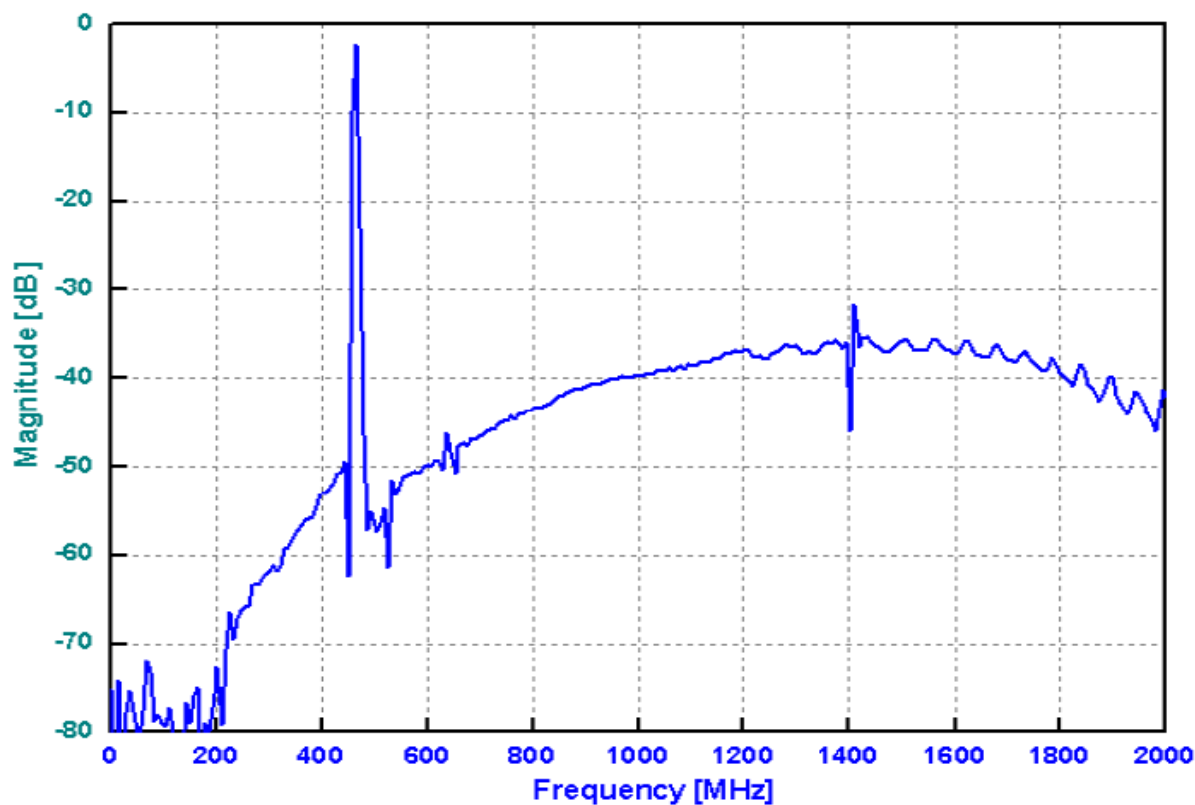
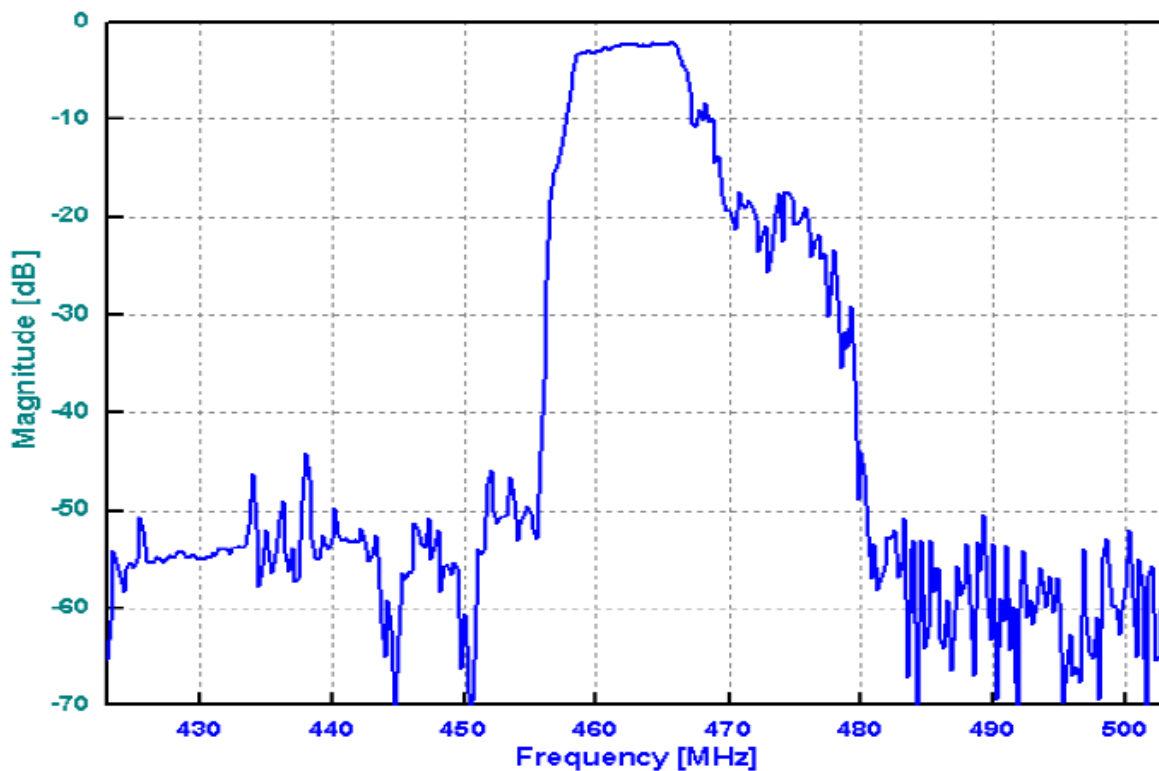
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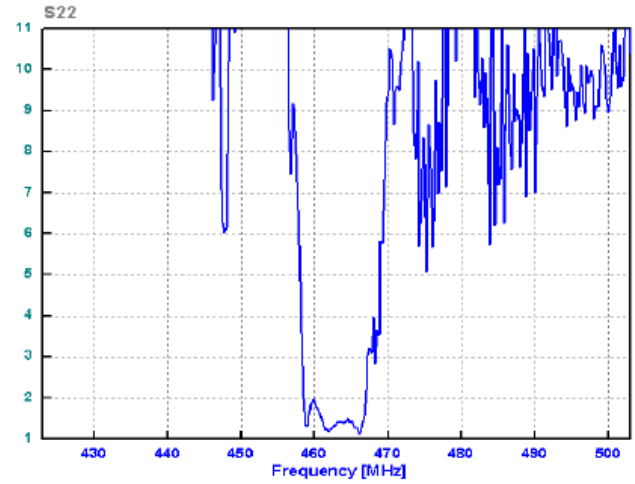
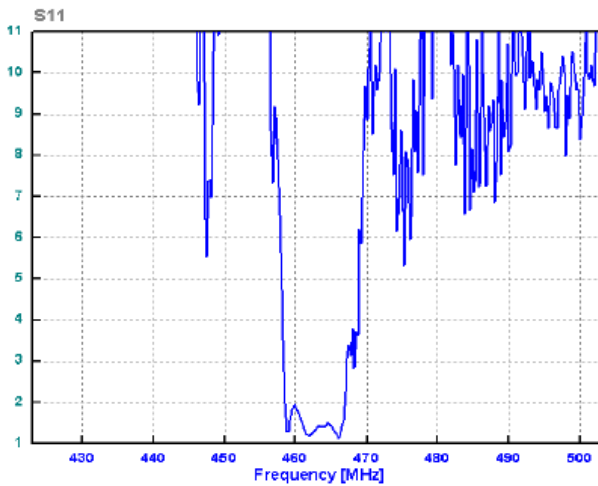
C. FREQUENCY CHARACTERISTICS:



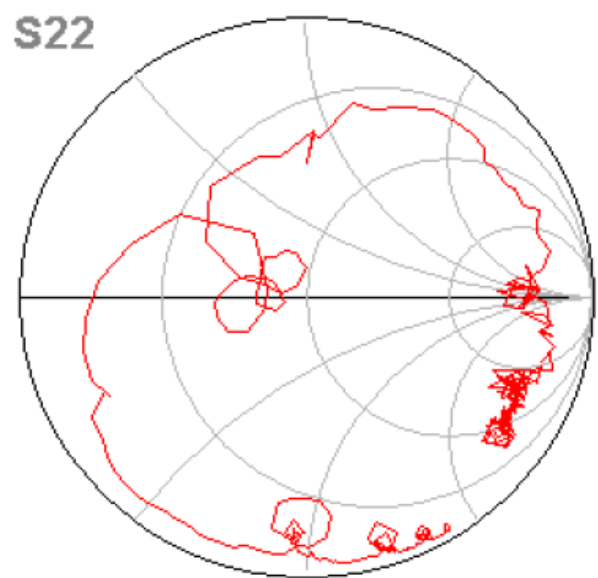
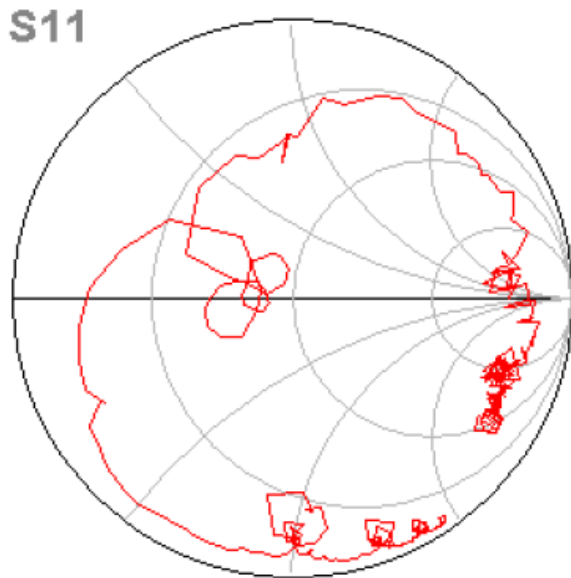
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VSWR



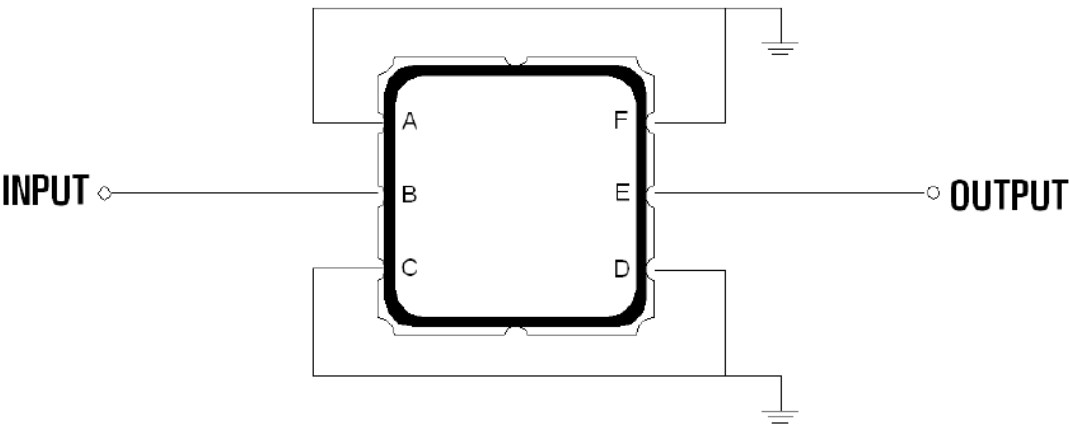
Smith-Chart



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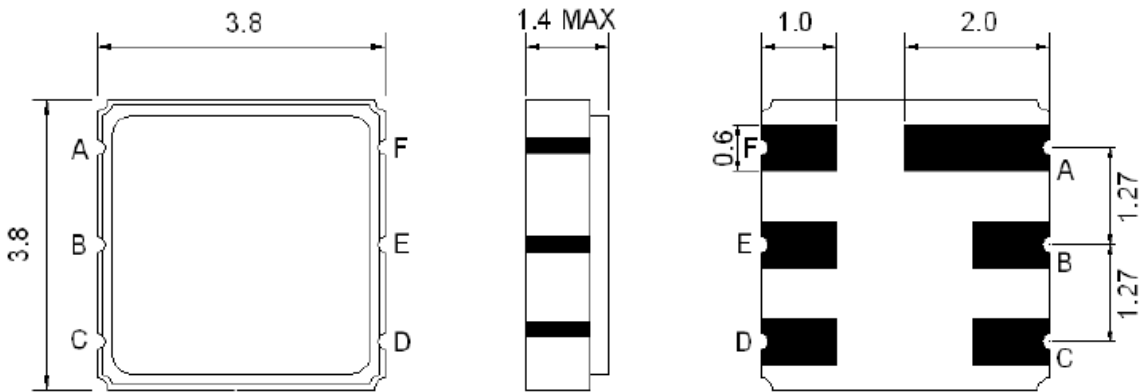
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D. MEASUREMENT CIRCUIT:



Source & Load Impedance: 50Ω / 50Ω

E. OUTLINE DRAWING:



Pin Description	
A, C, D, F	Ground
B	In
E	Out

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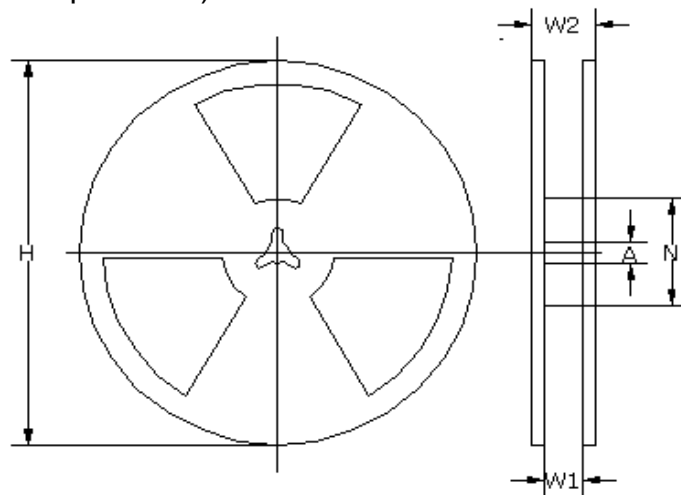
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F. PACKING:

1. Reel Dimension

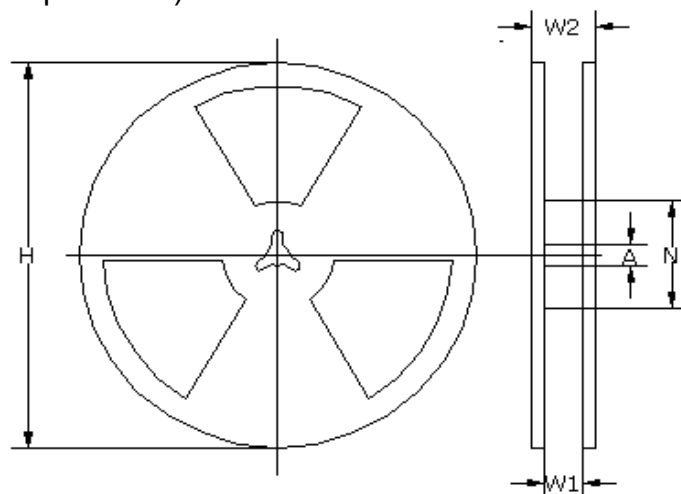
7" spec: (100 ~ 1.5k pcs / reel)



(Unit: mm)

A	N	H	W1	W2
$\Phi 13 \pm 0.5$	$\Phi 62 \pm 1.0$	$\Phi 178.0 \pm 1.0$	12.0 ± 1.0	16.0 ± 1.0

13" spec: (2~ 2.5k pcs / reel)



(Unit: mm)

A	N	H	W1	W2
$\Phi 13 \pm 0.5$	$\Phi 62 \pm 1.0$	$\Phi 330.0 \pm 1.0$	12.0 ± 1.0	16.0 ± 1.0

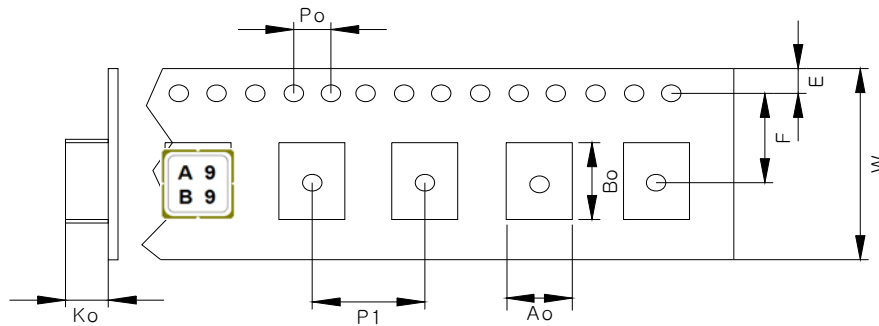
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2. Tape Dimension



(Unit: mm)

A	B	K0	W	E	F	P0	P1
4.25±0.1	4.25±0.1	1.9±0.1	12.0±0.3	1.75±0.1	5.5±0.1	4.0±0.1	8.0±0.1

G. RECOMMENDED REFLOW PROFILE:

(Temperature measured from Reflow-effected Product Surface)

