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Fax: +44 1460 256 101
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Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

SAW Filter 638MHz **Model: TA0963A**
Part No: MP03212 **Rev No: 1**

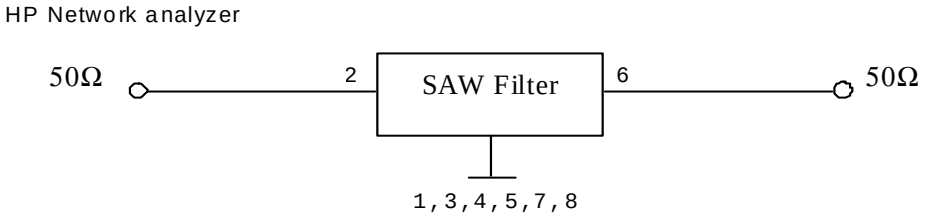
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20℃ to +75℃
4. Storage Temperature: -40℃ to +85℃

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	638	-	-
Insertion loss (626 ~ 650MHz) IL	dB	-	2.3	4.5	-
Amplitude Ripple (626 ~ 650MHz)	dB	-	0.8	3	-
Group Delay Variation (626 ~ 650MHz)	ns	-	32	100	-
Attenuation (Reference level from 0dB)					
0 ~ 573MHz	dB	35	57	-	-
573 ~ 590MHz	dB	37	58	-	-
675 ~ 720MHz	dB	30	40	-	-
720 ~ 1000MHz	dB	35	50	-	-
1000 ~ 1500MHz	dB	30	47	-	-
Temperature Coefficient of Frequency	ppm/℃	-	-35	-	-

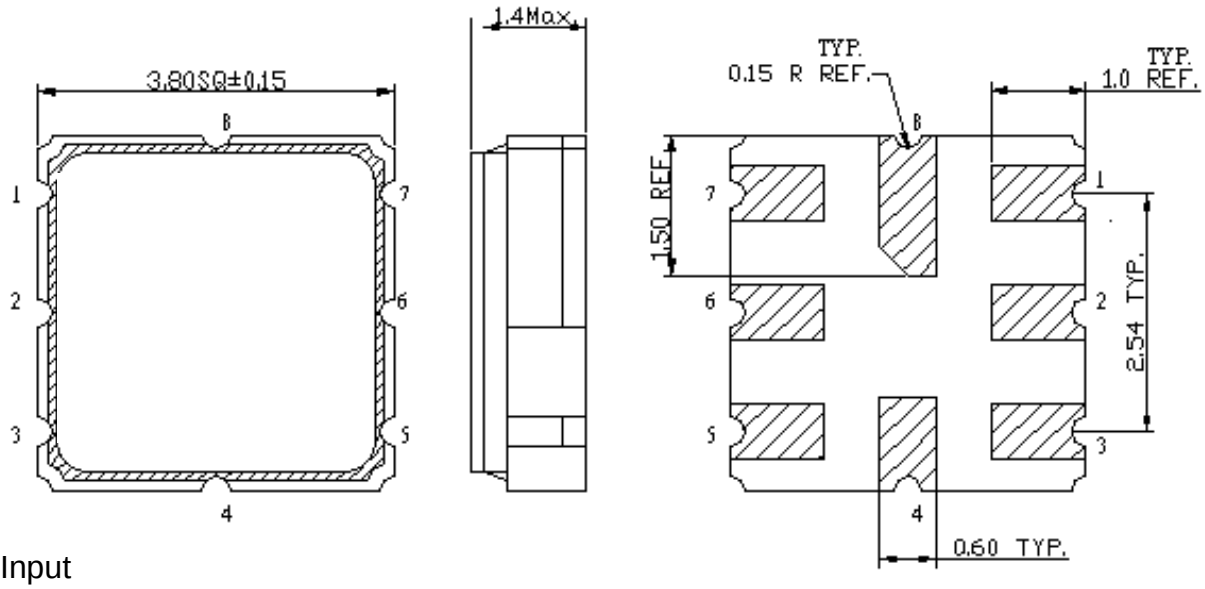
C. MEASUREMENT CIRCUIT:



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D. OUTLINE DRAWING:



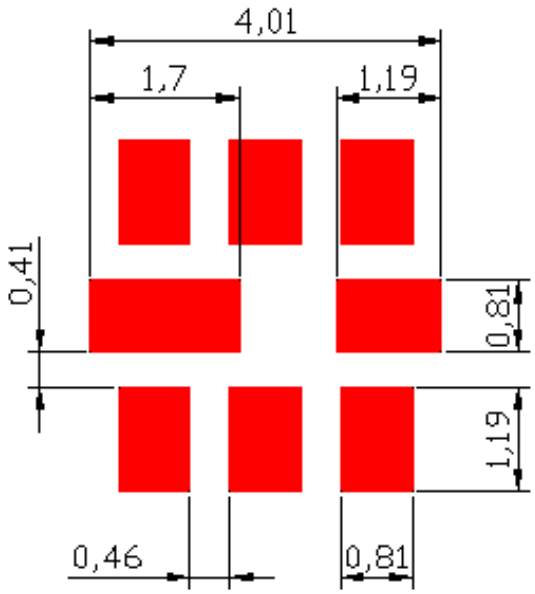
2: Input

6: Output

1, 3, 4, 5, 7, 8: Ground

Unit: mm

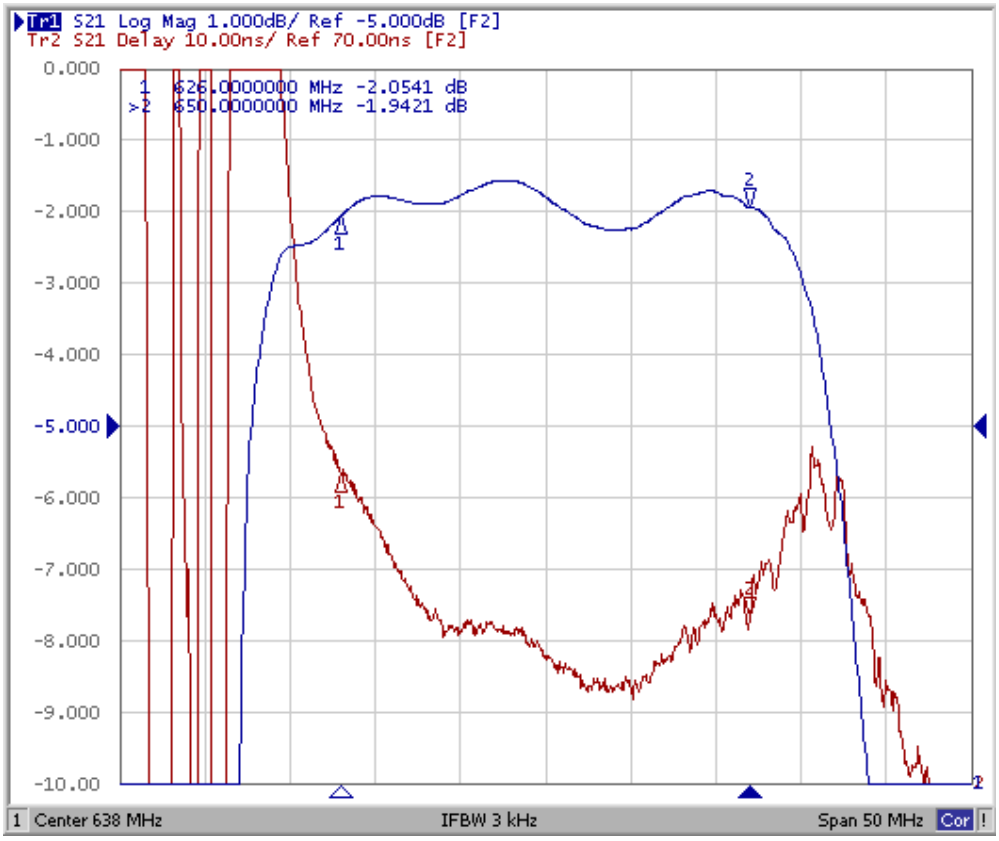
E. PCB FOOTPRINT:

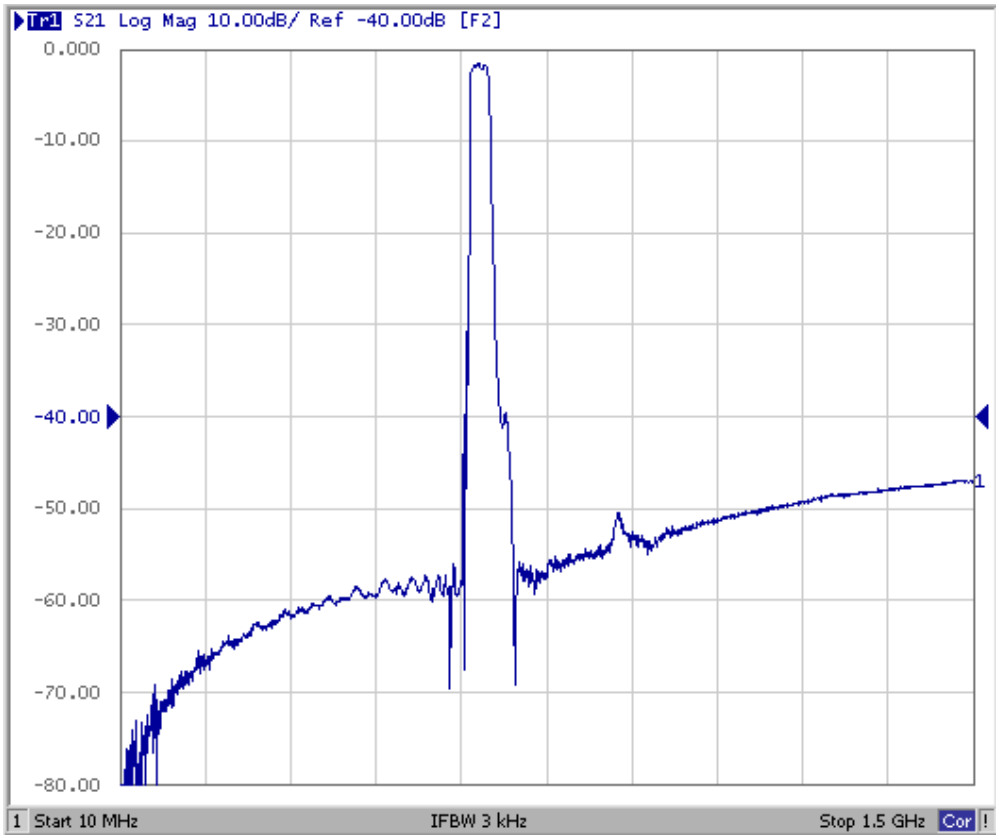


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F. FREQUENCY CHARACTERISTICS:





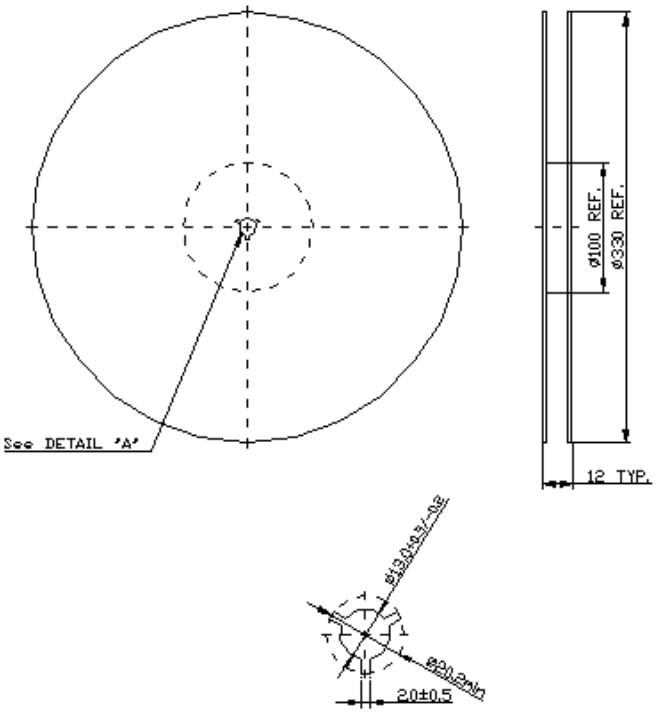
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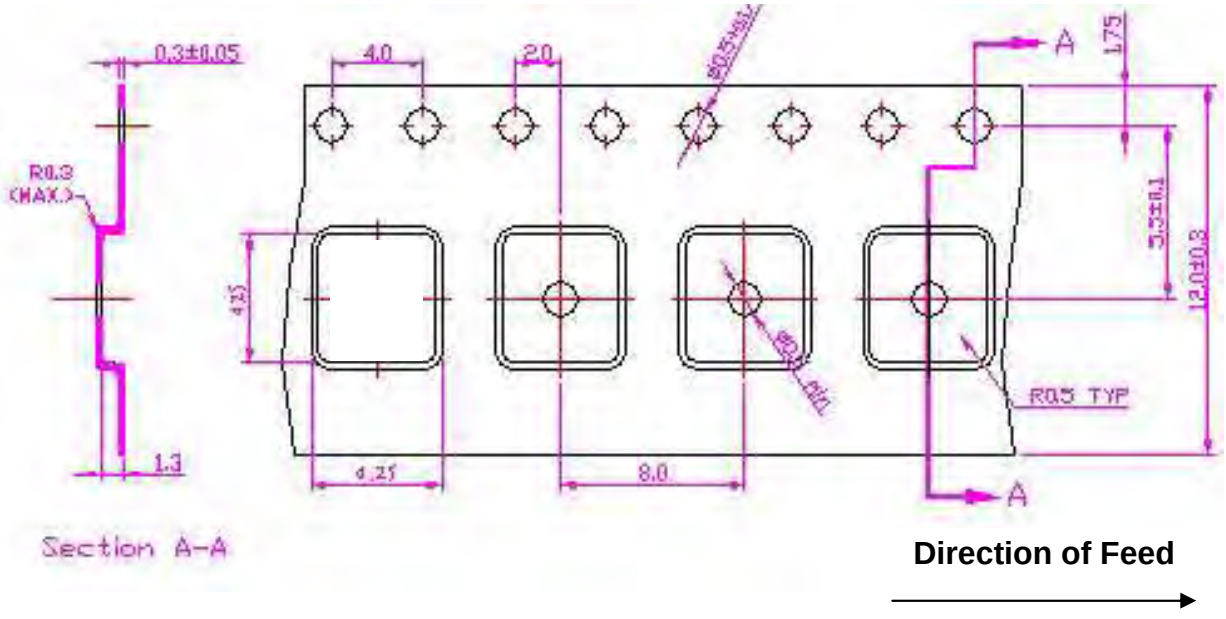
G. PACKING:

1. REEL DIMENSION

(Reel Count: 7” = 1000; 13” = 3000)



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

