

SAW Filter 1575.42MHz

Model: TA0449A

Part No: MA07465

REV. NO.: 1

A. MAXIMUM RATING:

1. Operating Temperature: -30°C ~ +85°C
2. Storage Temperature: -40°C ~ +85°C

B. CHARACTERISTICS :

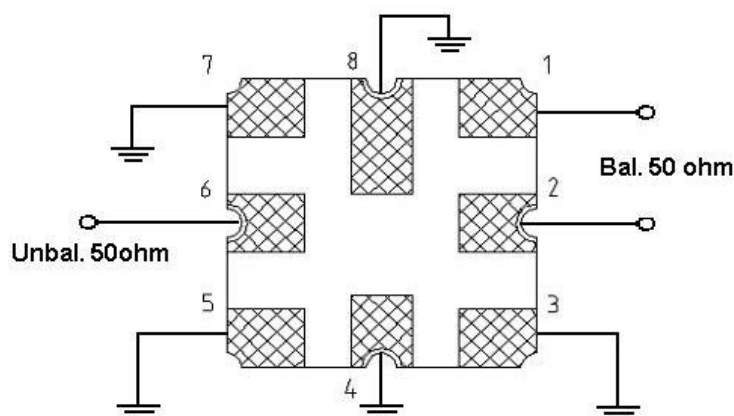
Singled to Balanced operation

Terminating source impedance: $Z_s = 50\Omega$ unbal.

Terminating load impedance: $Z_L = 50\Omega$ bal.

Item			Min.	Typ.	Max.
Center frequency Fc (dB)			-	1575.42	-
Insertion loss	1574.22~1576.62 MHz	(dB)	-	1.9	2.8
Amplitude ripple	1574.22~1576.62 MHz	(dB)	-	0.2	1.0
Attenuation (Reference level from 0 dB)					
1000 ~ 1450	MHz	(dB)	30	35	-
1450 ~ 1520	MHz	(dB)	20	25	-
1625 ~ 1640	MHz	(dB)	16	28	-
1640 ~ 1710	MHz	(dB)	25	32	-
1710 ~ 1805	MHz	(dB)	35	43	-
1805 ~ 1910	MHz	(dB)	35	43	-
1910 ~ 2000	MHz	(dB)	35	43	-

C. MEASUREMENT CIRCUIT:



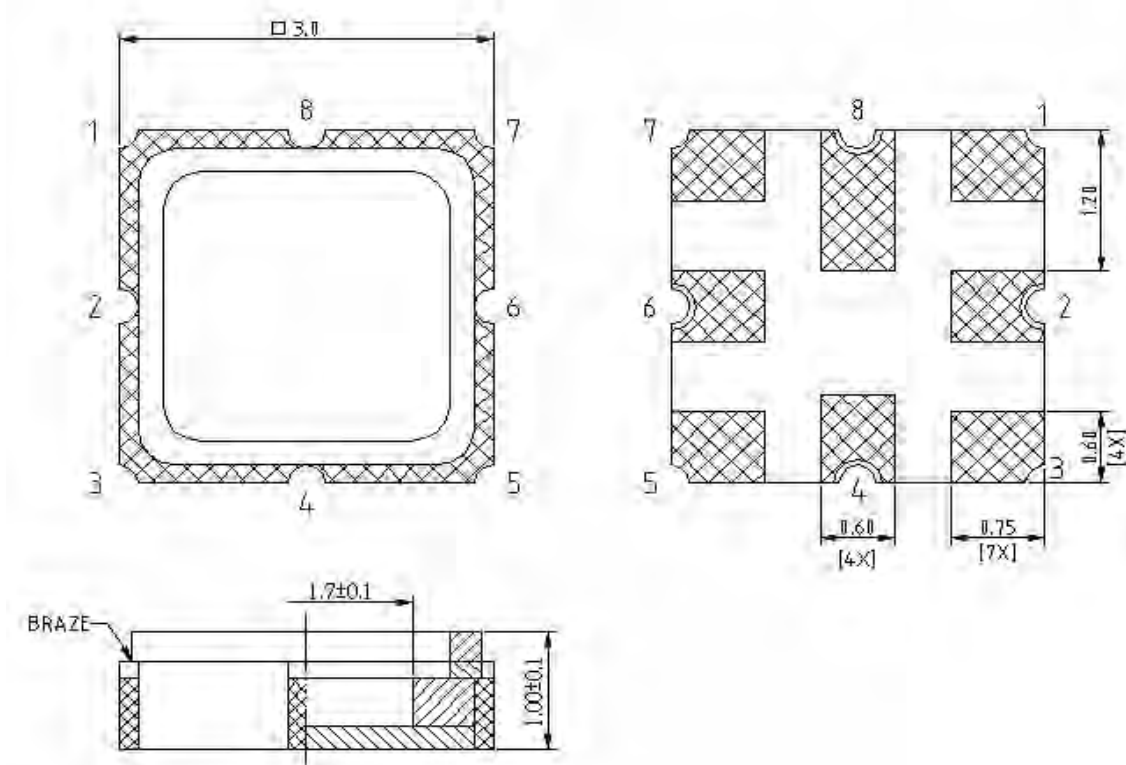
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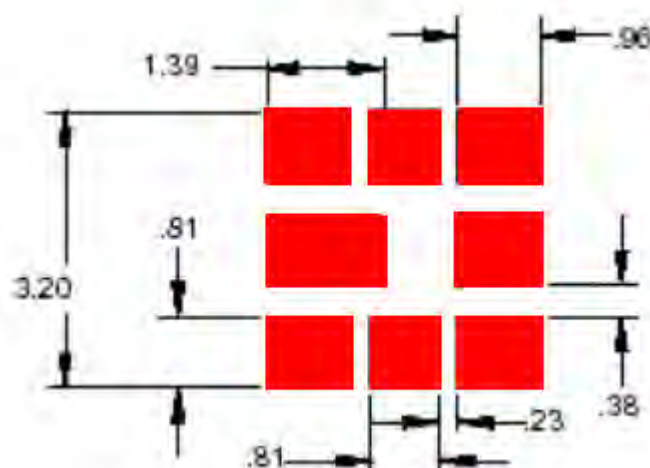
D. OUTLINE DRAWING:



Pin configuration

- 6 Input, unbalanced
- 7 Input ground
- 1,2 Output, balanced
- 3,4,5,8 Case ground

E. PCB FOOTPRINT:



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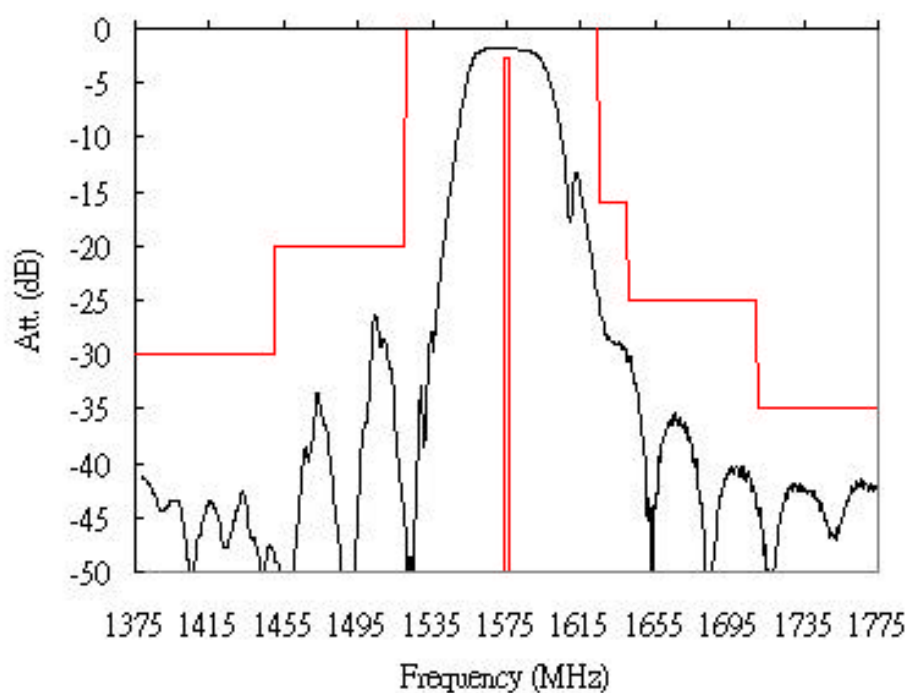
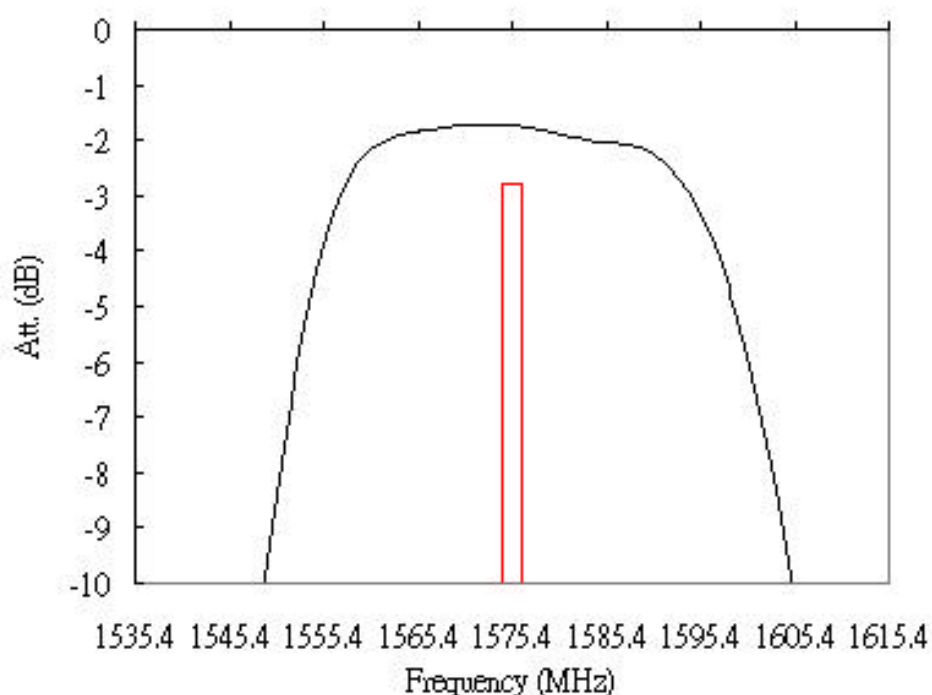
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F. FREQUENCY CHARACTERISTICS:

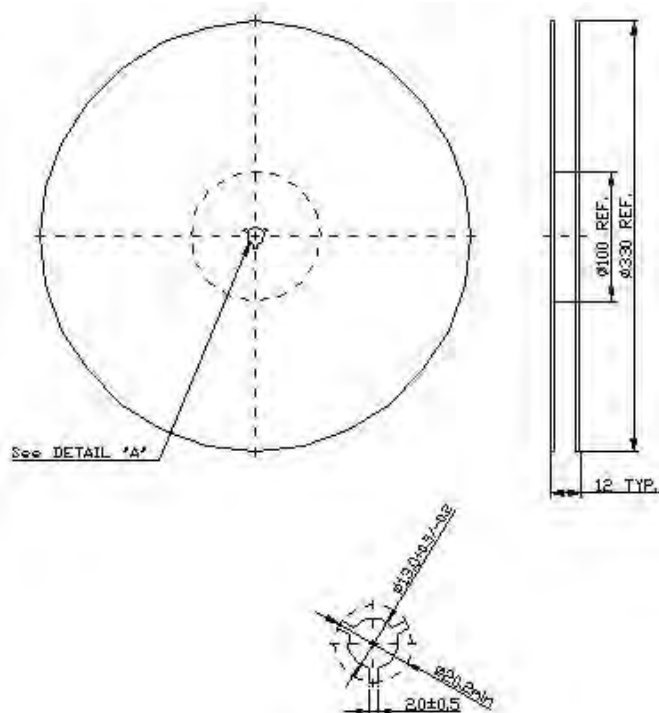
Transfer function



REV. NO.: 1

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

