

SAW Filter 415.40MHz

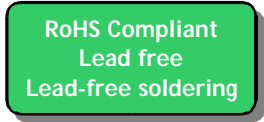
Model: TA0525A

Part No: MA07610

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: +15°C to +35°C
4. Storage Temperature: -40°C to +85°C

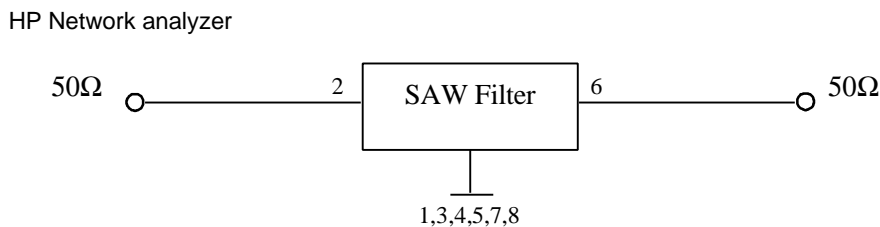


B. ELECTRICAL CHARACTERISTICS:

Item		Min.	Typical	Max.
Center frequency	F _c MH	-	415.4	-
Insertion loss	412.9 ~ 417.9 MHz IL	-	2.2	3.6
Amplitude ripple	412.9 ~ 417.9 MHz	-	0.7	2.1
VSWR	412.9 ~ 417.9 MHz	-	1.3	2.1
Attenuation (Reference level from 0 dB)				
1 ~ 379.0	MHz	40	61	-
379.0 ~ 394.0	MHz	31	50	-
394.0 ~ 405.5	MHz	10	44	-
441.0 ~ 469.0	MHz	37	55	-
469.0 ~ 550.0	MHz	40	56	-
Temperature coefficient of frequency	ppm/k	-	-36	-
Source impedance	Z _s	Ω	50	-
Load impedance	Z _L	Ω	50	-

Note1. No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:



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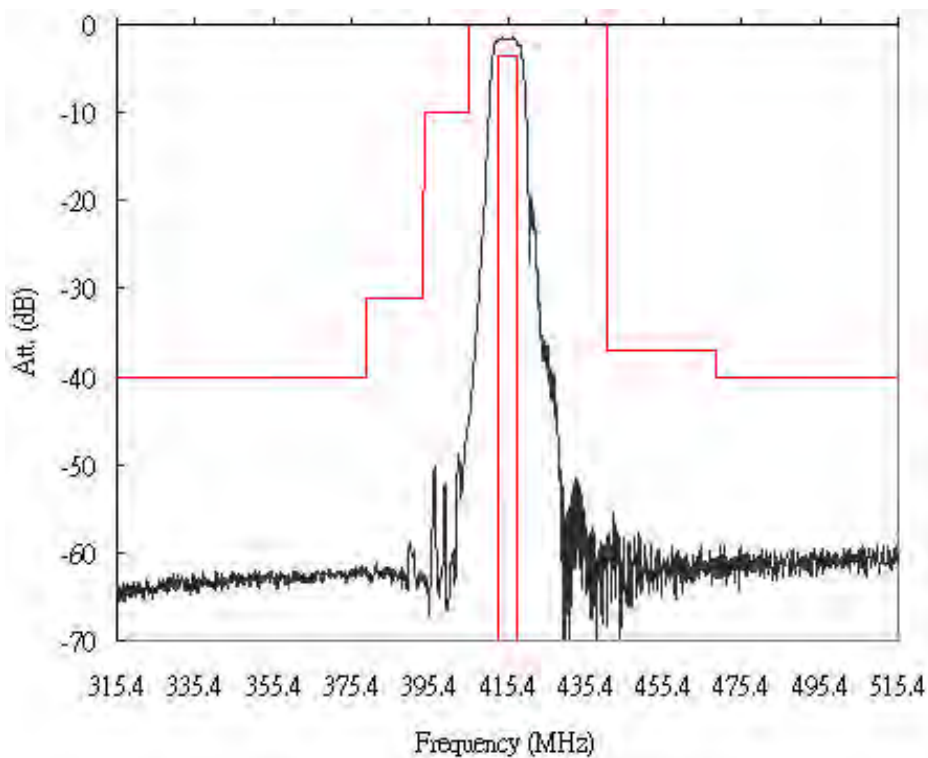
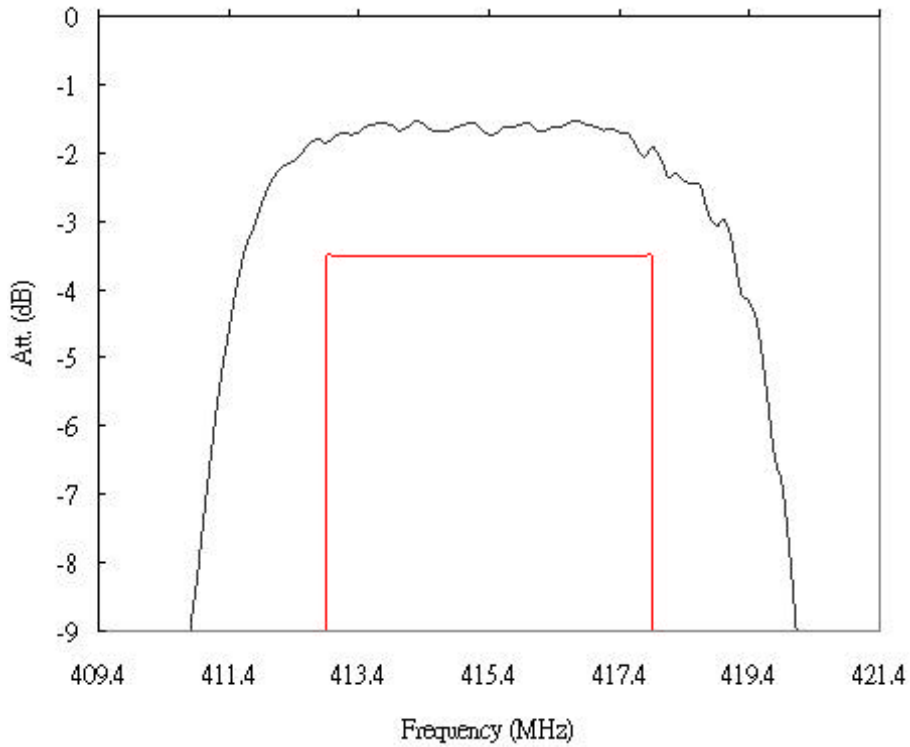
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D. FREQUENCY CHARACTERISTICS :

Transfer Function:



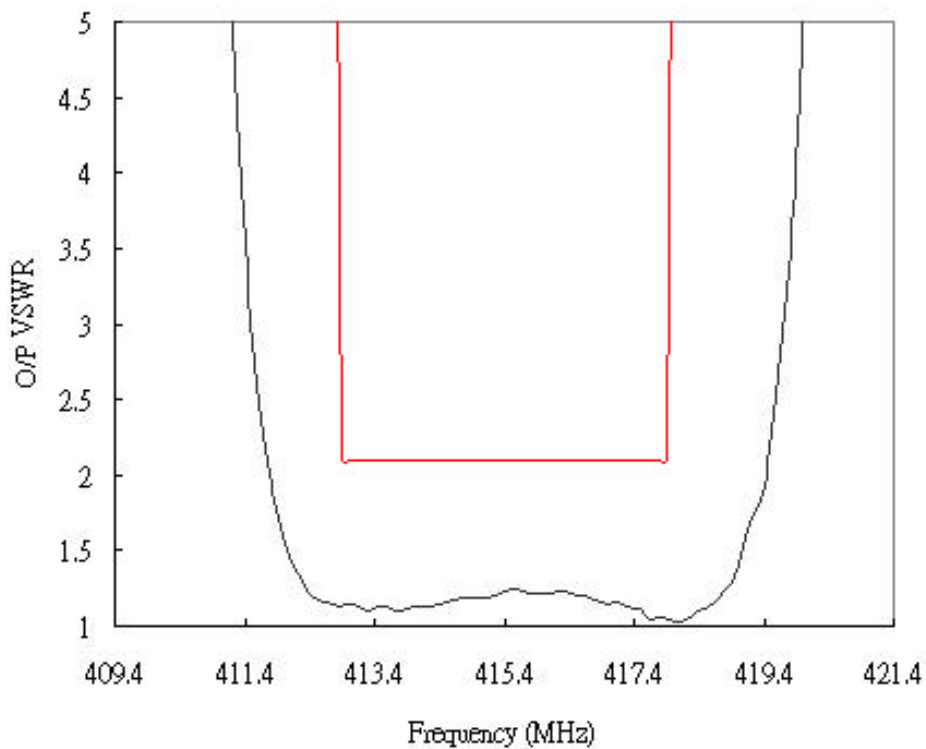
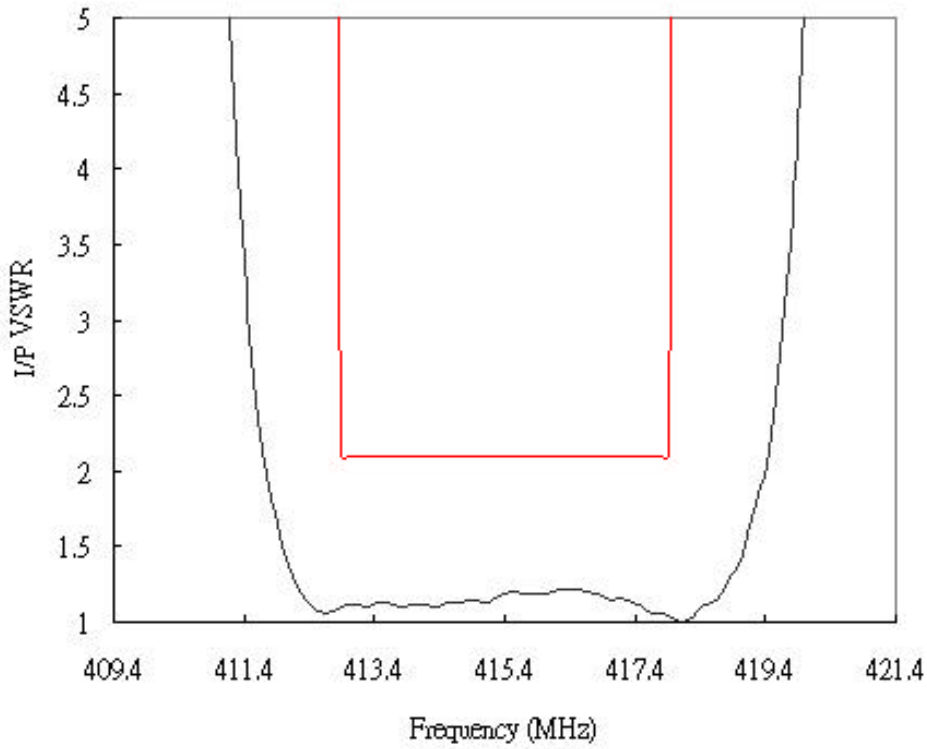
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Reflection Function:



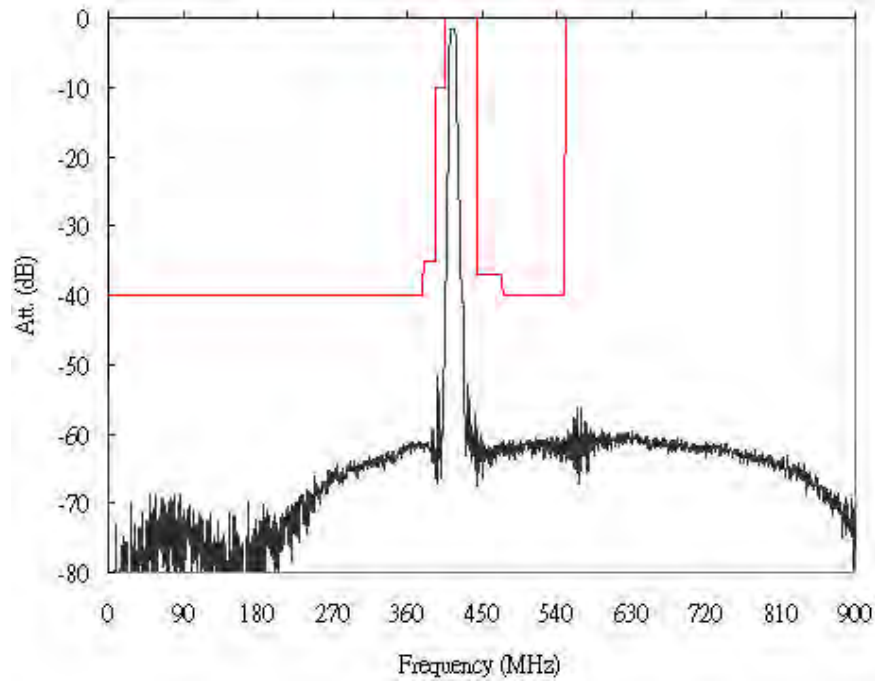
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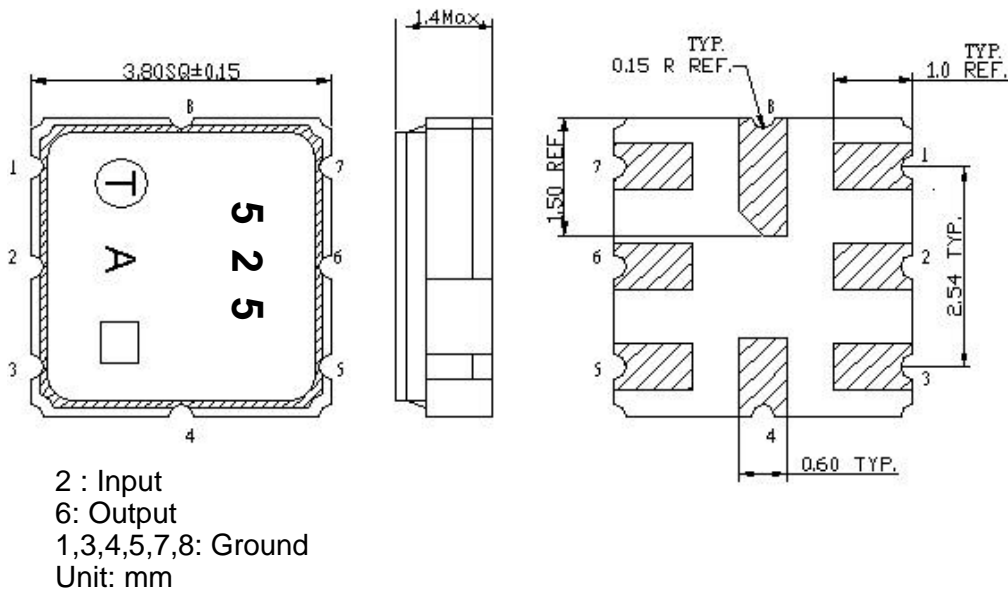
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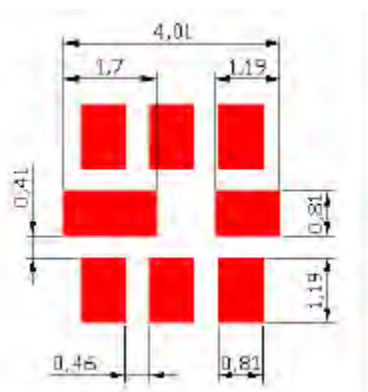
Wideband



E. OUTLINE DRAWING:



F. PCB FOOTPRINT:



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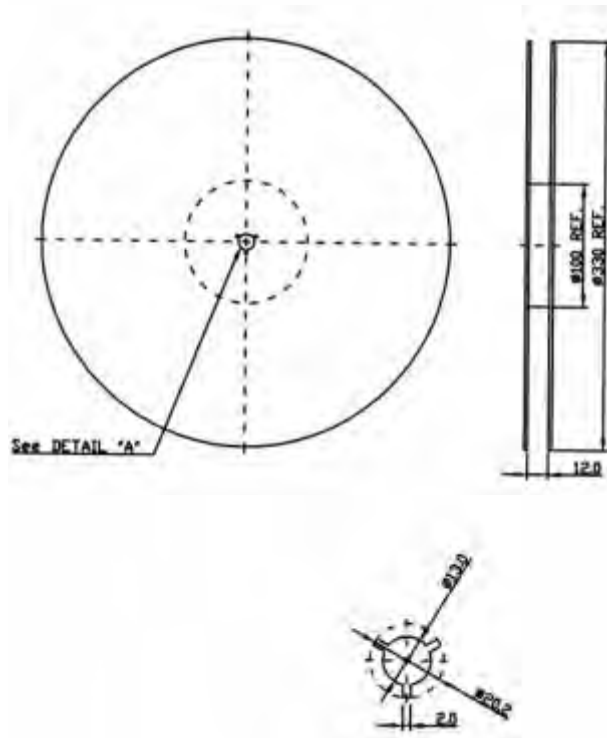
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

