

SAW Filter 245.50MHz
Part No: MP08558

Model No: TB0430A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 5V
3. Operating Temperature: -20°C to 60°C
4. Storage Temperature: -40°C to 85°C

B. ELECTRICAL CHARACTERISTICS:

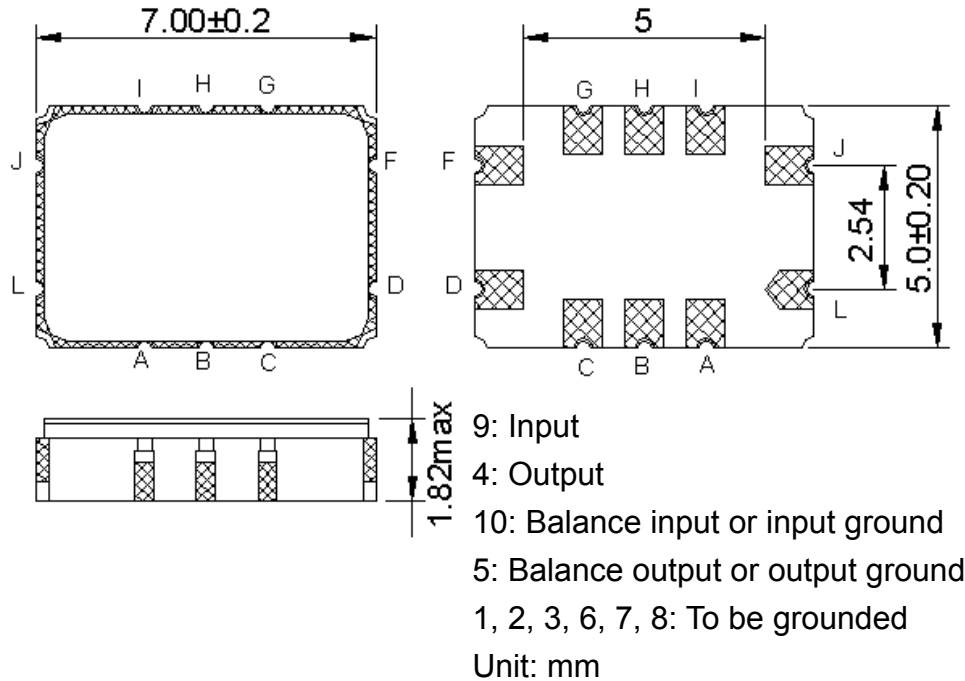
Item	Unit	Min.	Typ.	Max.	Note
Center frequency Fc	MHz	-	245.5	-	1
Minimum Insertion Loss, (Fc ±50KHz) IL	dB	-	4.1	6.5	1
Passband Ripple (Fc ±50kHz)	dB	-	0.35	2.0	1
Group delay ripple (Fc ±50kHz), GD	µs	-	1.0	3.0	1
Attenuation:(Reference level from Min IL)					
Fc -25 to Fc -1.6MHz	dB	50	65	-	-
Fc -1.6 to Fc -0.6MHz	dB	32	60	-	-
Fc -0.6 to Fc -0.4MHz	dB	20	55	-	-
Fc +0.4 to Fc +0.6MHz	dB	20	55	-	-
Fc +0.6 to Fc +1.6MHz	dB	32	60	-	-
Fc +1.6 to Fc +25MHz	dB	50	60	-	-

Note 1: The standard definitions is in JIS C 6703

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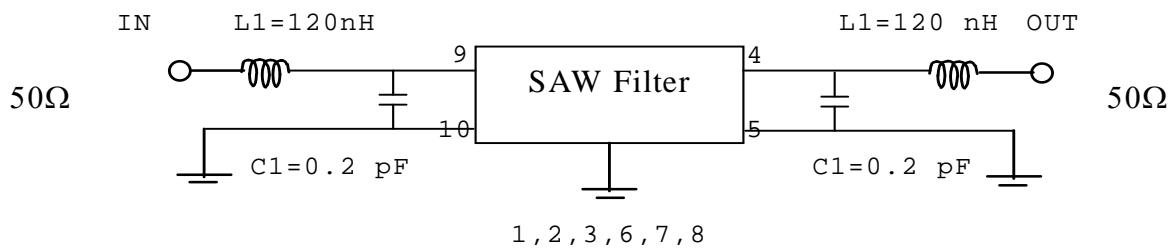
C. OUTLINE DRAWING:



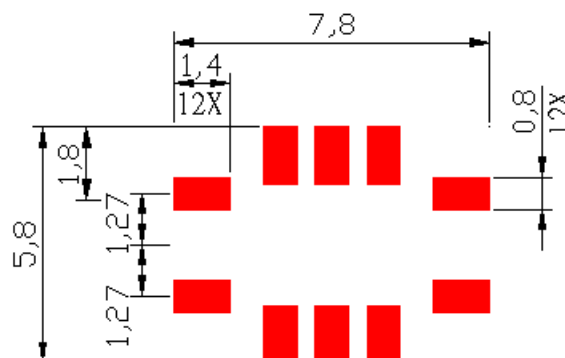
D. MEASUREMENT CIRCUIT:

50 Ohm Test circuit (single-ended / single-ended)

HP Network analyzer



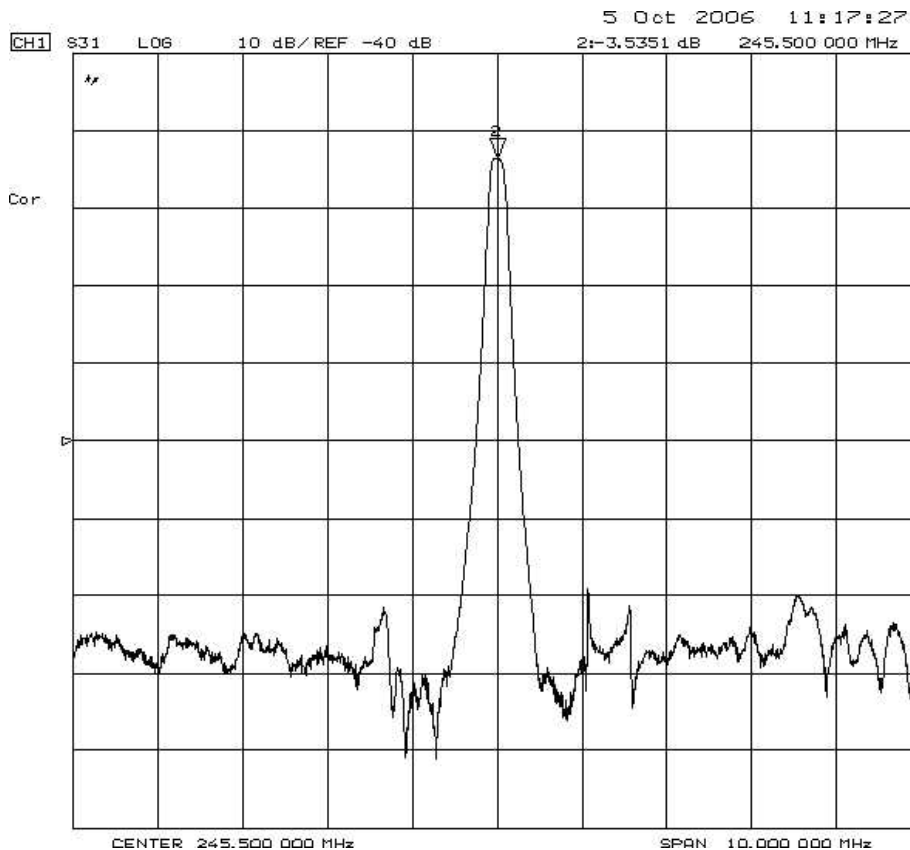
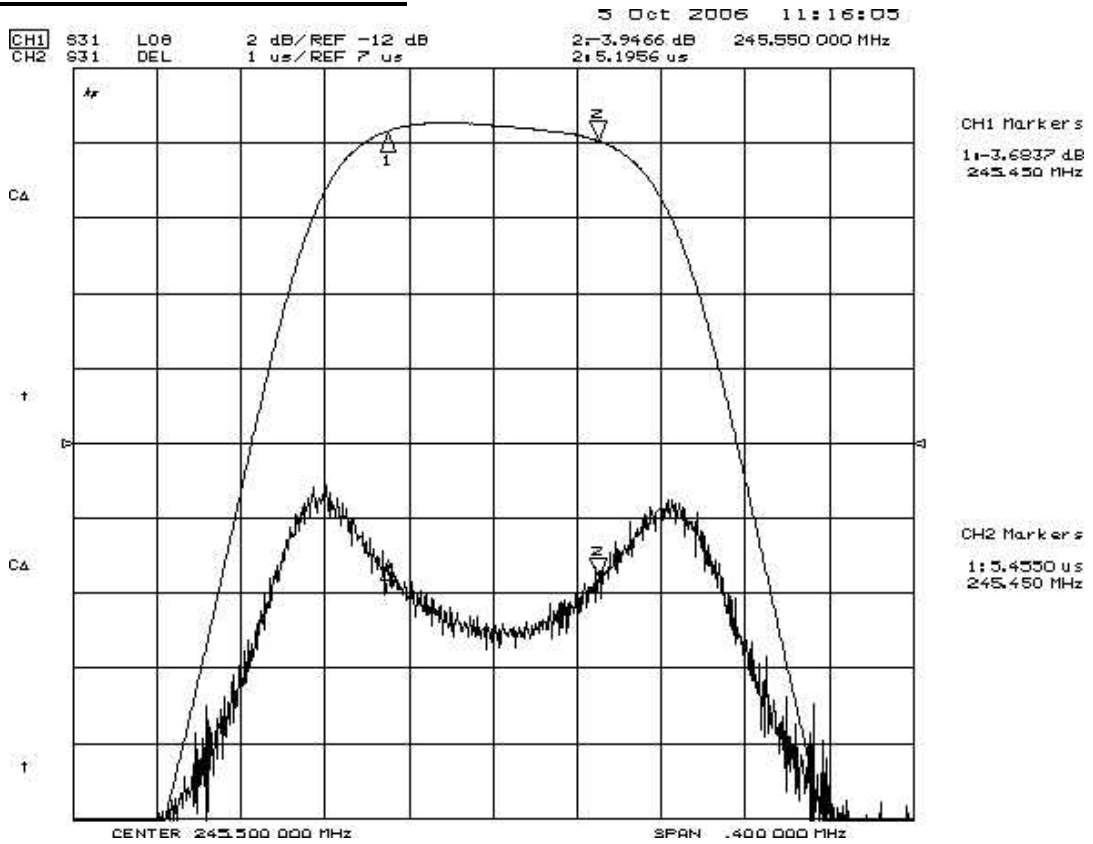
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:



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H. RECOMMENDED REFLOW PROFILE:

