

SAW Filter 246.0MHz

Model: TB0266A

Part No: MA08030

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
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.	Type.	Max.	Note
Center frequency, Fc	MHz	-	246	-	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	μ s	-	1.0	3.0	1
Attenuation:(Ref level from Min IL)					
Fc – 25 to Fc – 1.6 MHz	dB	50	65	-	-
Fc – 1.6 to Fc – 0.6 MHz	dB	32	60	-	-
Fc – 0.6 to Fc – 0.4 MHz	dB	20	55	-	-
Fc + 0.4 to Fc + 0.6 MHz	dB	20	55	-	-
Fc + 0.6 to Fc + 1.6 MHz	dB	32	60	-	-
Fc + 1.6 to Fc + 25 MHz	dB	50	60	-	-

Note1. The standard definitions is in JIS C 6703

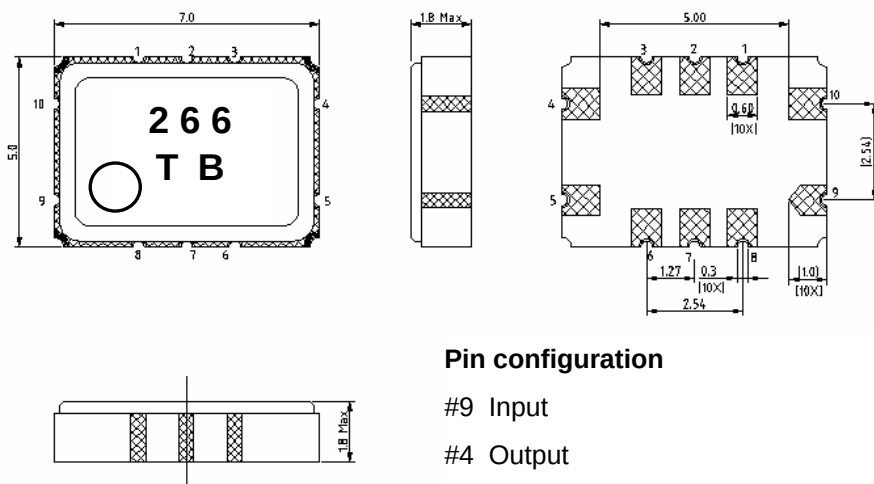
SAW Filter 246.0MHz

Model: TB0266A

Part No: MA08030

REV. NO.: 1

C. OUTLINE DRAWING:

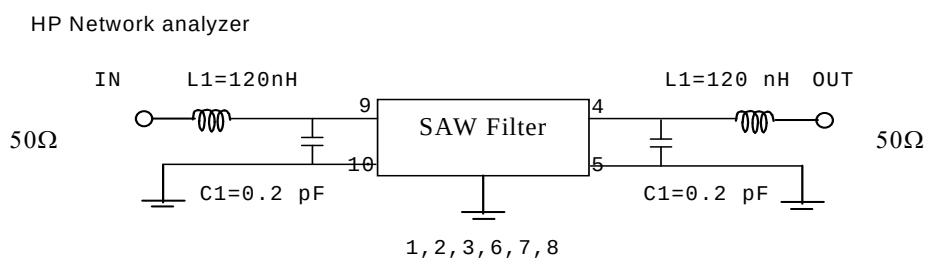


Pin configuration

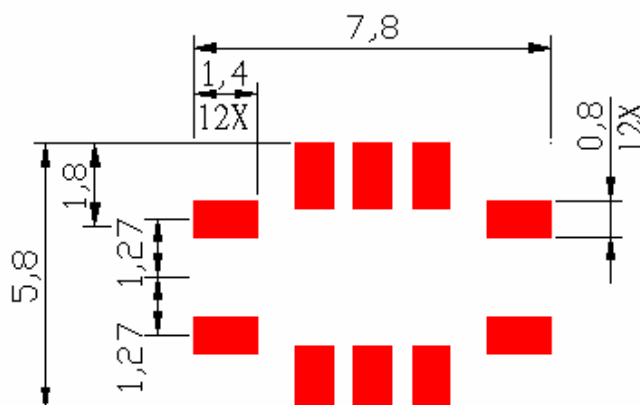
- #9 Input
 - #4 Output
 - #10 Balance input or input ground
 - #5 Balance output or output ground
 - #1,2,3,6,7,8 To be grounded
- Unit mm

D. MEASUREMENT CIRCUIT:

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



E. PCB FOOTPRINT:



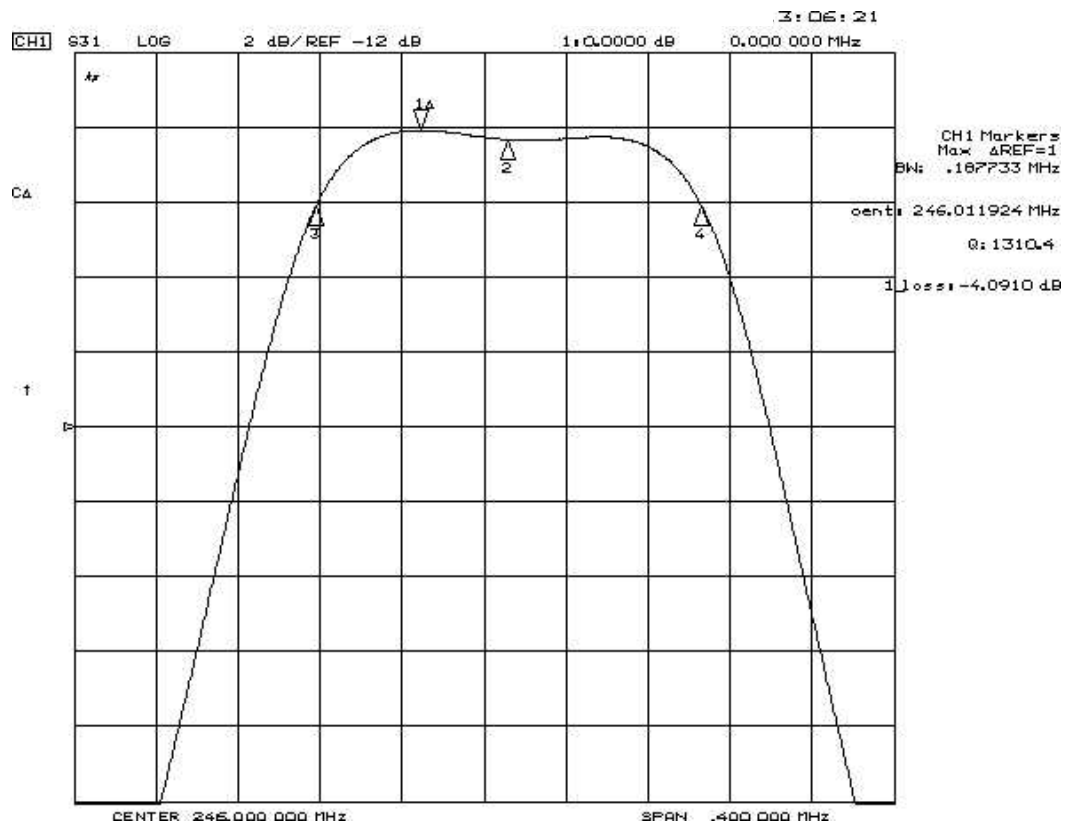
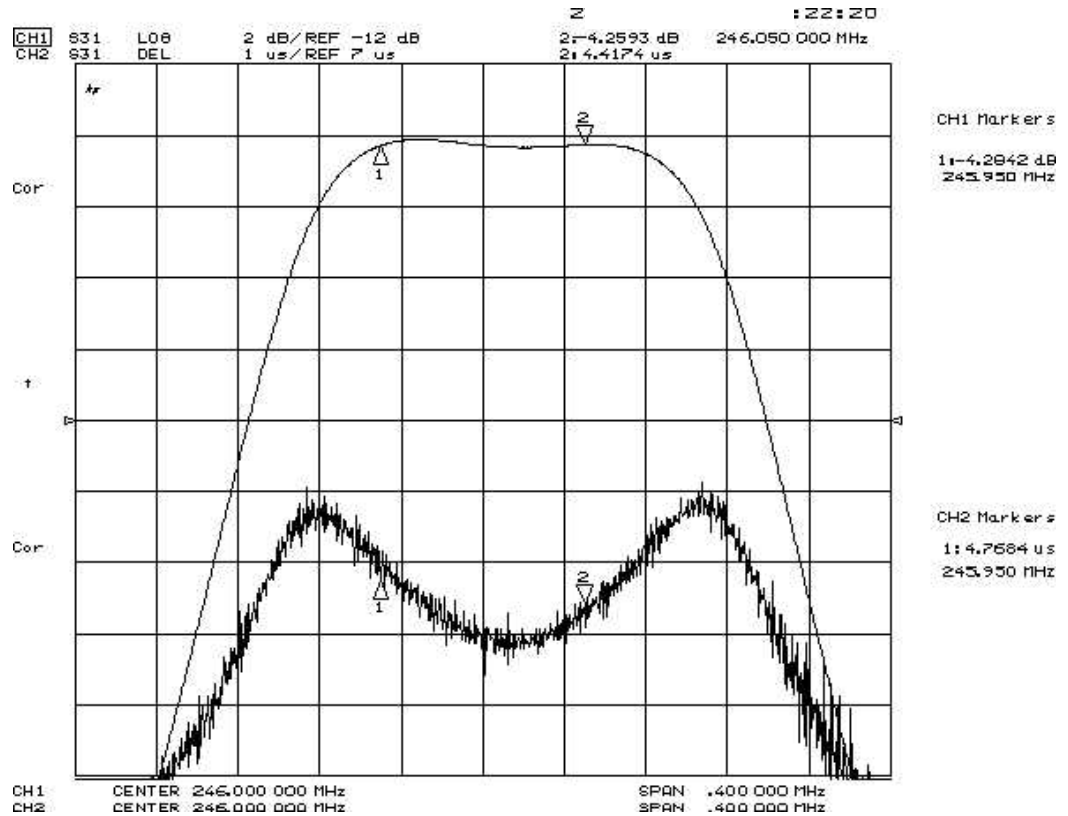
SAW Filter 246.0MHz

Model: TB0266A

Part No: MA08030

REV. NO.: 1

F. FREQUENCY CHARACTERISTICS:

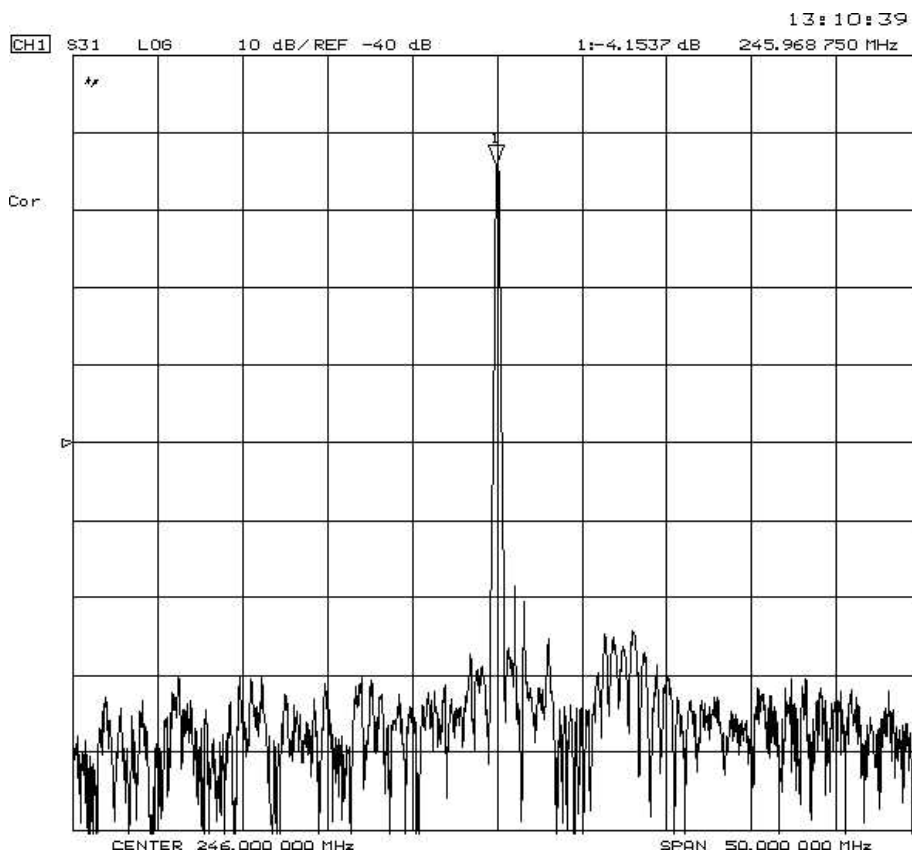
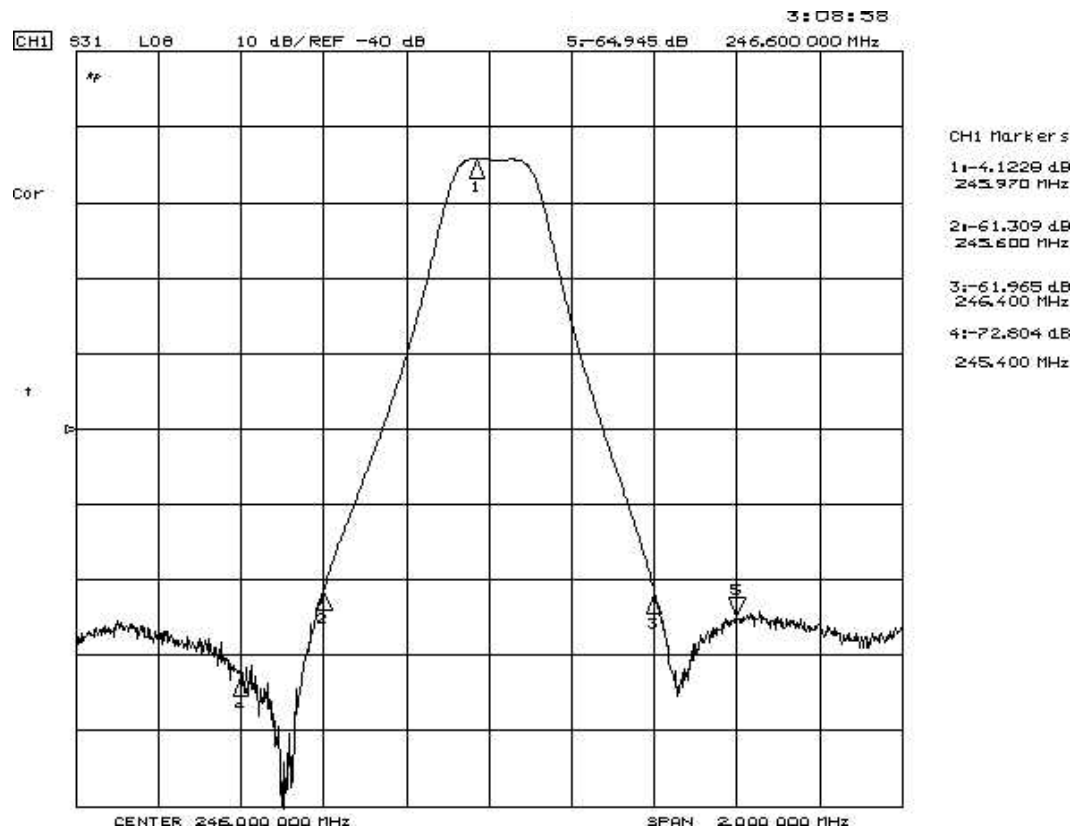


SAW Filter 246.0MHz

Model: TB0266A

Part No: MA08030

REV. NO.: 1



SAW Filter 246.0MHz

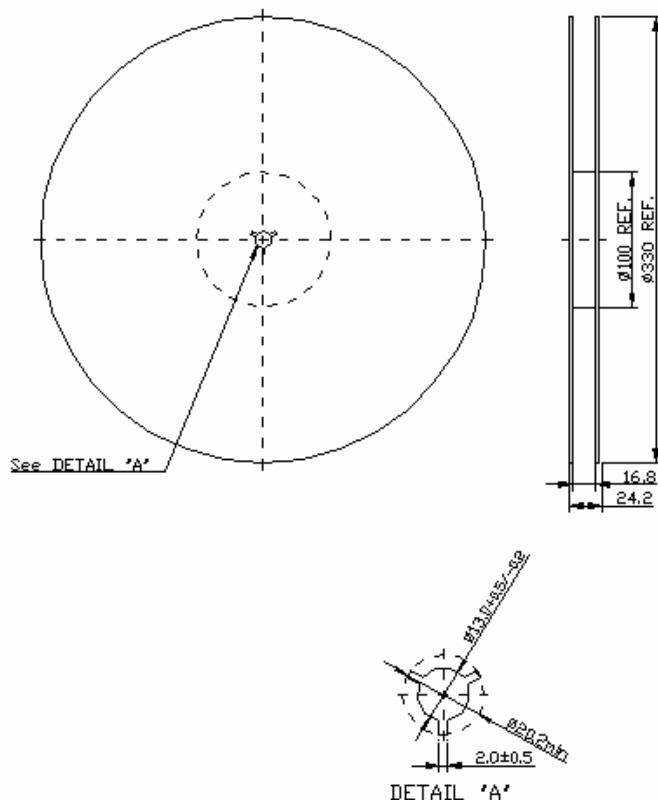
Model: TB0266A

Part No: MA08030

REV. NO.: 1

G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION

