269.0 MHz SAW Filter
Part Number 261457B

1. Features

- Typical 1dB bandwidth of 14.0 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

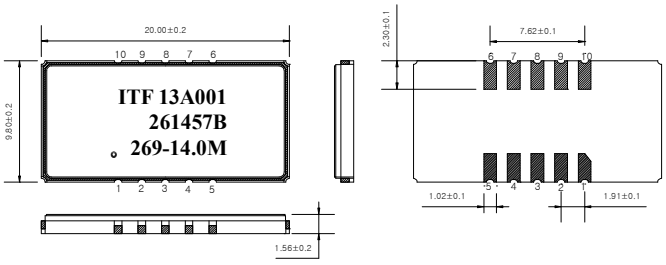
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	269.0	-
Insertion Loss	dB	-	27.2	29.0
1 dB Bandwidth	MHz	13.8	14.0	-
3dB Bandwidth	MHz	-	14.34	-
40dB Bandwidth	MHz	-	15.82	15.95
Amplitude Ripple (fo ± 6.75 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 6.75 MHz)	nsec	-	50	100
Absolute Delay	usec	-	2.47	-
Ultimate Rejection	dB	50	55	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/℃	-18		

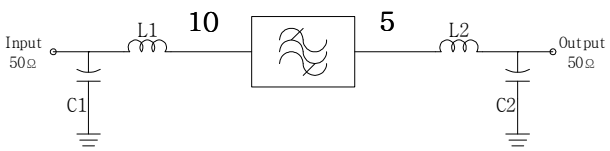
S2098 Package Dimension



Dimensions shown are nominal in millimeters

Body : Al_2O_3
Lid : Kovar, Ni Plated
Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Matching Schematic



L1 = 8.2nH, L2 = 6.8nH, C1 = 43pF, C2 = 22pF

Pin Configuration			
Input	**10**	**Ground**	**1,6**
Output	**5**	**Others**	**Ground**

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Gyounggi-Do, Korea 421-809

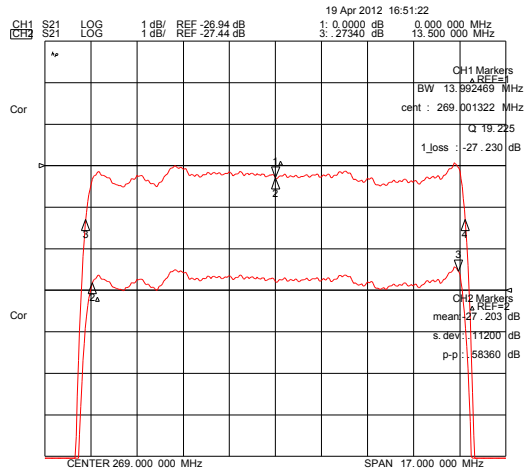
Tel: 82-32-621-1213
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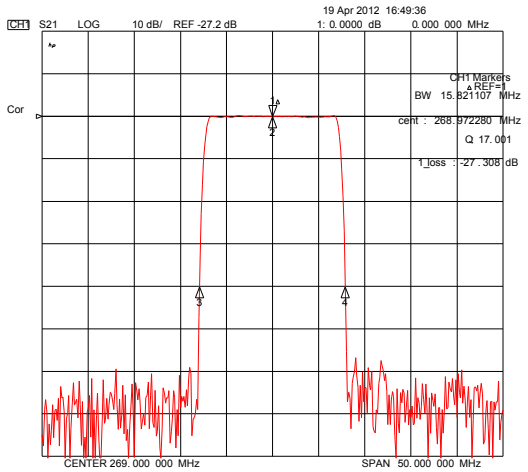
2013. 03. 27
Rev 1.0

3. Typical Performance (at +25℃)

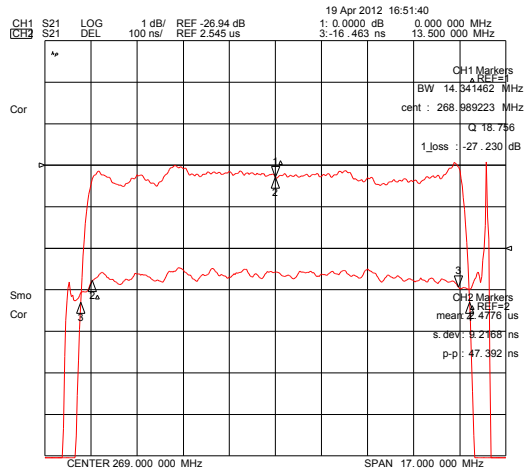
1dB Bandwidth & Ripple



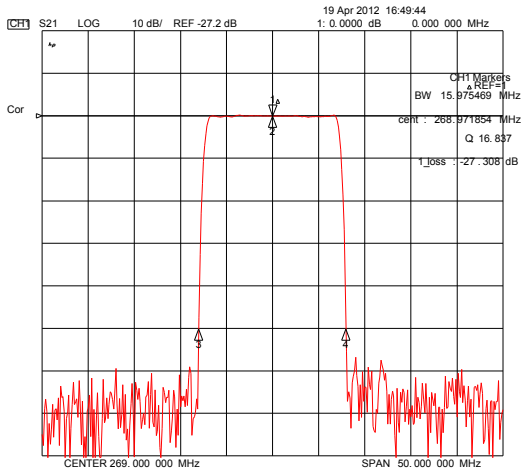
40dB Bandwidth



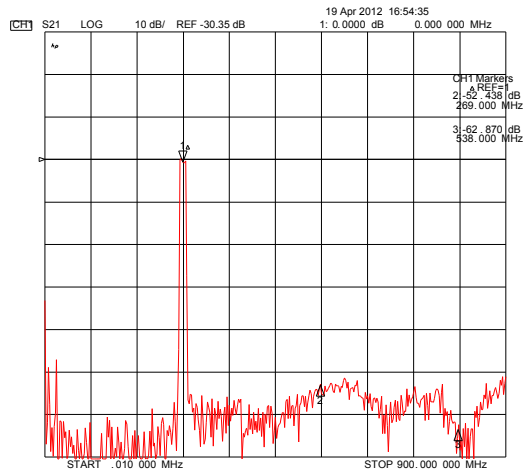
3dB Bandwidth & Group Delay



50dB Bandwidth



Wide band Properties



SWR (S11 & S22)

