265.5 MHz SAW Filter
Part Number 261404B

1. Features

- Typical 1dB bandwidth of 14.1 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

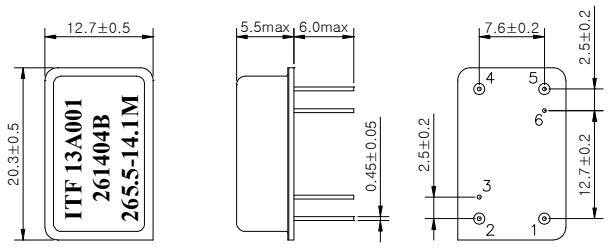
Tested by SGS Testing Korea

2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	265.5	-
Insertion Loss	dB	-	25.0	26.5
1 dB Bandwidth	MHz	14.0	14.14	-
3dB Bandwidth	MHz	-	14.56	-
20dB Bandwidth	MHz	-	15.76	-
40dB Bandwidth	MHz	-	16.34	16.45
Amplitude Ripple (fo ± 6.75 MHz)	dB	-	0.55	1.0
Group Delay Variation (fo ± 6.75 MHz)	nsec	-	40	100
Absolute Delay	usec	-	2.18	-
Ultimate Rejection	dB	45	50	-
Maximum input Power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/℃	-18		

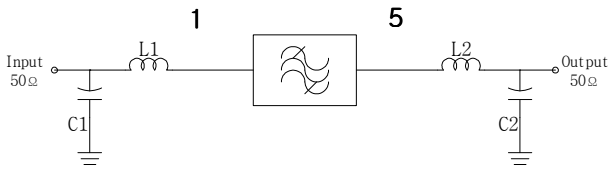
D2012 Package Dimension



Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated
Cap : Cu & Cr Alloy, Ni Plated
Termination : Kovar, Au Plated

Matching Schematic



L1 = 12nH, L2 = 12nH, C1 = 33pF, C2 = 24pF

Pin Configuration			
Input	1	Ground	2,4
Output	5	Others	Ground

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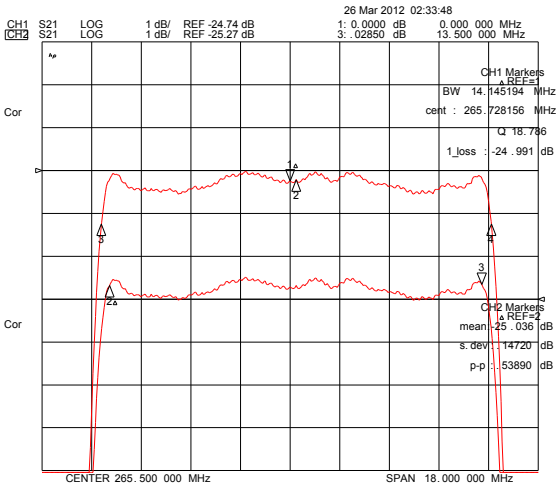
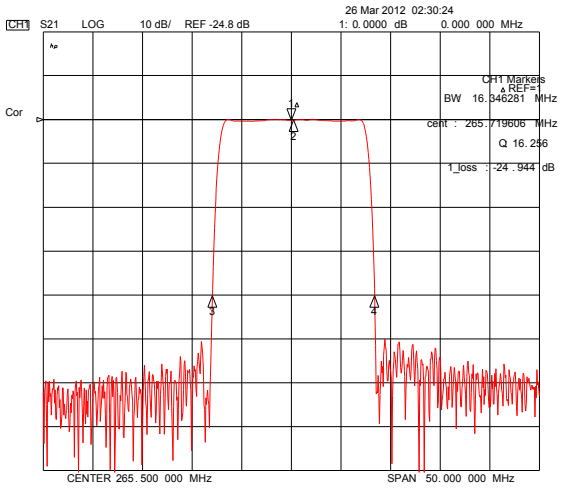
2013. 03. 27
Rev 1.0

3. Typical Performance (at +25℃)

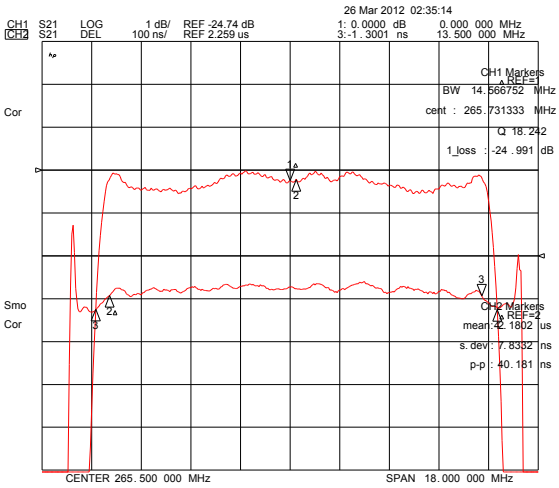
1dB Bandwidth & Ripple



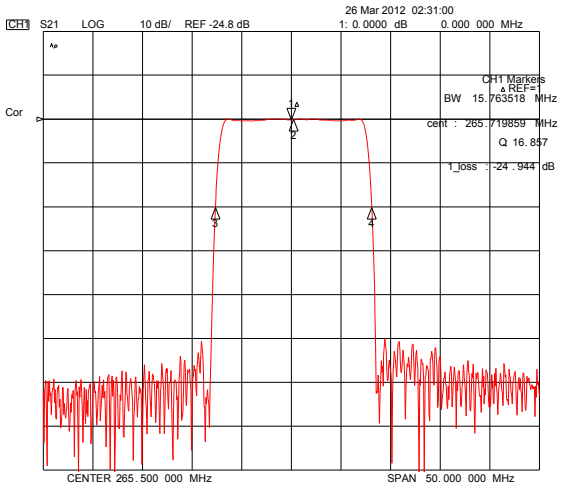
40dB Bandwidth



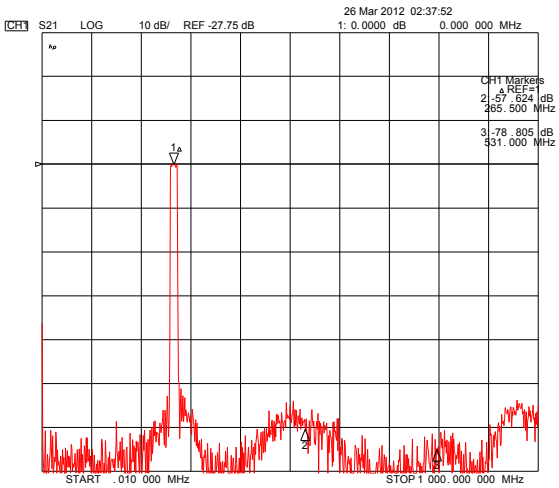
3dB Bandwidth & Group Delay



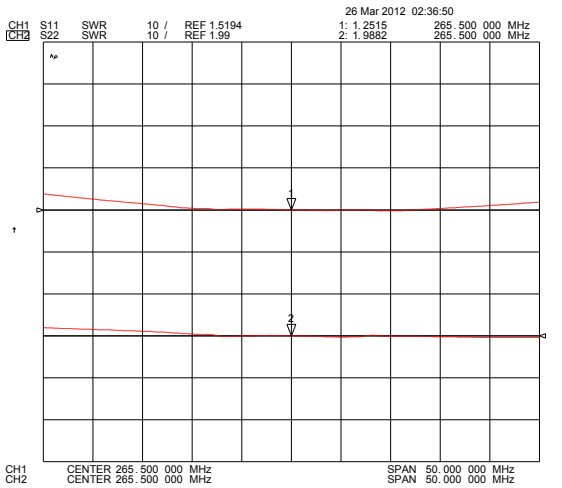
20dB Bandwidth



Wideband properties



SWR(S11 & S22)



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