

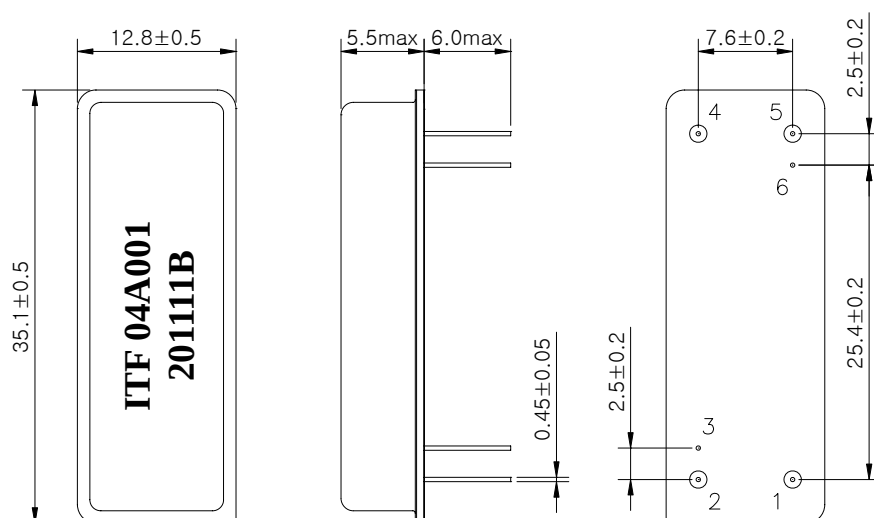
SAW Bandpass Filter 201111B



1. Features

- IF Bandpass Filter
- High Attenuation
- Single-Ended Operation
- DIP Package
- Maximum Storage Temperature Range : -40℃ ~ 85℃
- Electrostatics Sensitive Device (ESD)

2. Package Dimension



Package : D3512

Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated

Cap : Cu & Cr Alloy, Ni Plated

Termination : Kovar, Au Plated

Pin Configuration	
1	Input
5	Output
2, 4	Ground
3, 6	Case ground

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		Rev. Date	2004-04-22	
		Rev.	NI0019-CS03	1/5

SAW Bandpass Filter 201111B

3. Specifications

Fo = 70 MHz

Terminating source impedance : 50Ω and matching network

Terminating load impedance : 50Ω and matching network

		Minimum	Typical	Maximum
Center Frequency	MHz	69.92	70.0	70.08
Insertion Loss	dB	-	25.5	26.5
1dB Bandwidth	MHz	-	3.2	-
3dB Bandwidth	MHz	3.5	3.75	-
40dB Bandwidth	MHz	-	5.5	6.0
Amplitude Ripple (Fo +/- 1.23 MHz)	dB	-	0.8	1.1
Group Delay Variation (Fo +/- 1.23 MHz)	nsec	-	60	150
Absolute Delay	usec	-	3.33	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-23	-

Notes :

- 1) All specifications are based on the matching schematic shown below
- 2) All specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature
- 3) All attenuation measurements are measured relative to insertion loss

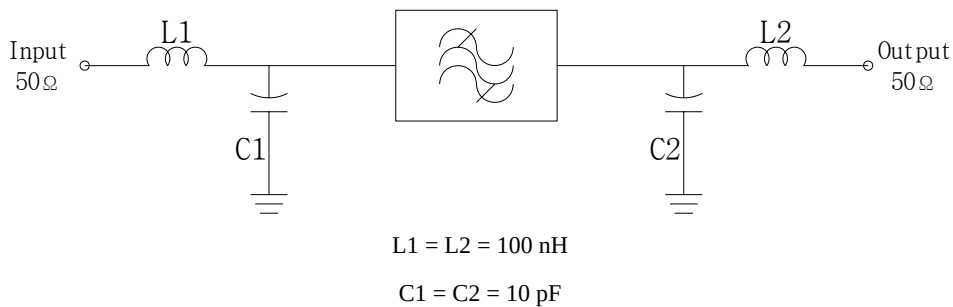
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		Rev. Date	2004-04-22	
		Rev.	NI0019-CS03	2/5

SAW Bandpass Filter 201111B



4. Matching Schematic

(Actual matching values may vary due to PCB layout and parasitics)



5. Marking Configuration

ITF¹⁾04A001²⁾
201111B³⁾

1) Manufacturer name

2) Lot Number

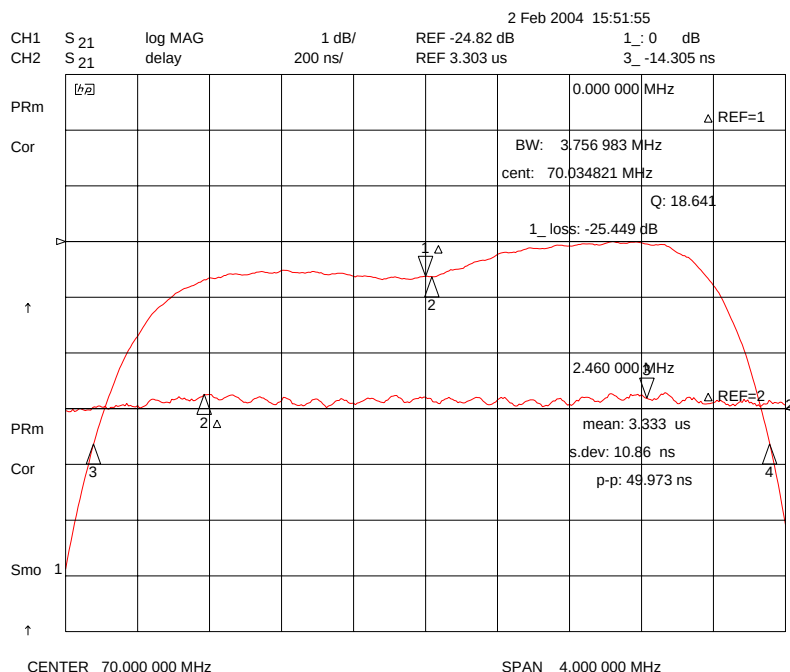
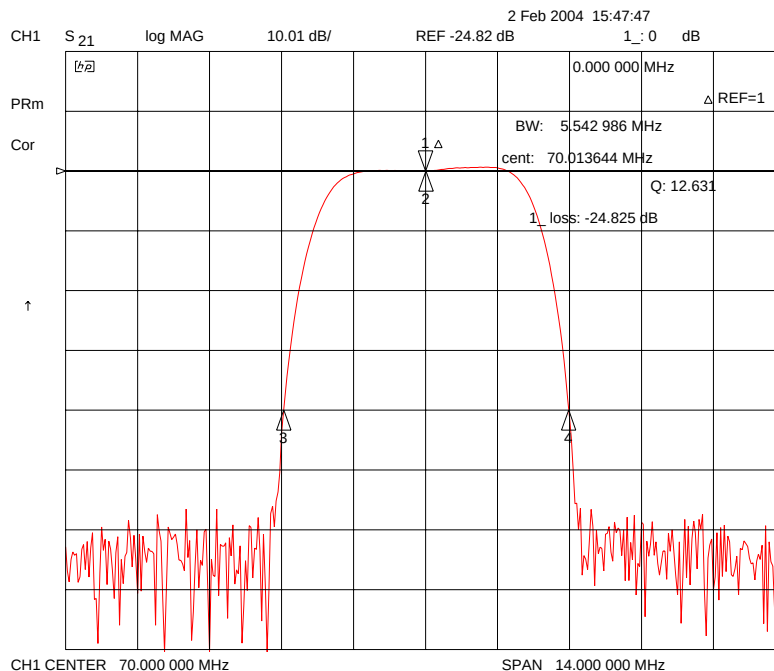
3) Part Number

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		Rev. Date	2004-04-22	
		Rev.	NI0019-CS03	3/5

SAW Bandpass Filter 201111B



6. Typical Performance (at +25℃)



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Rev. Date

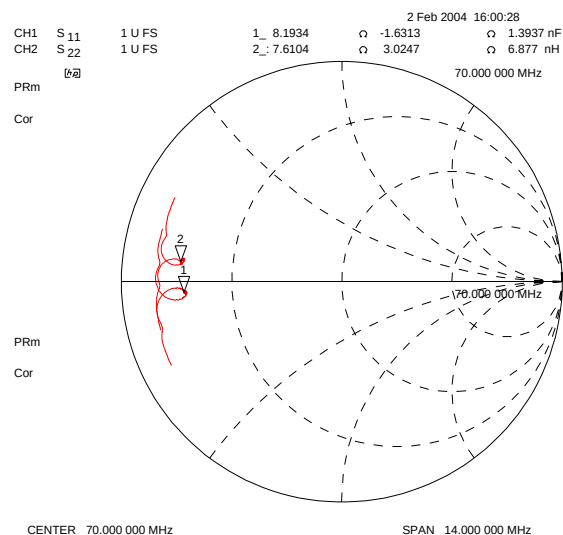
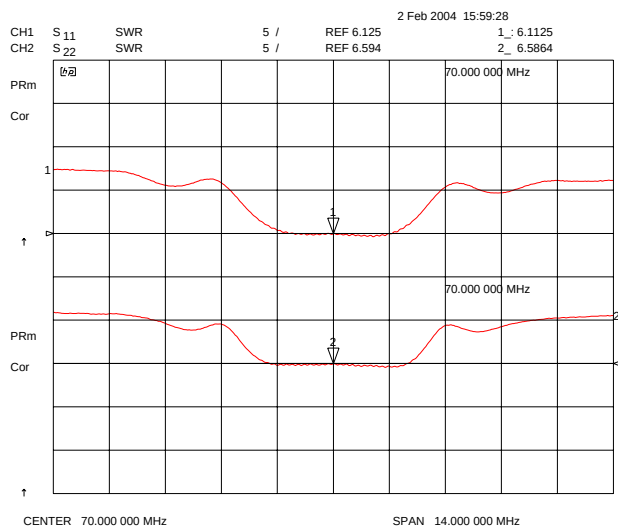
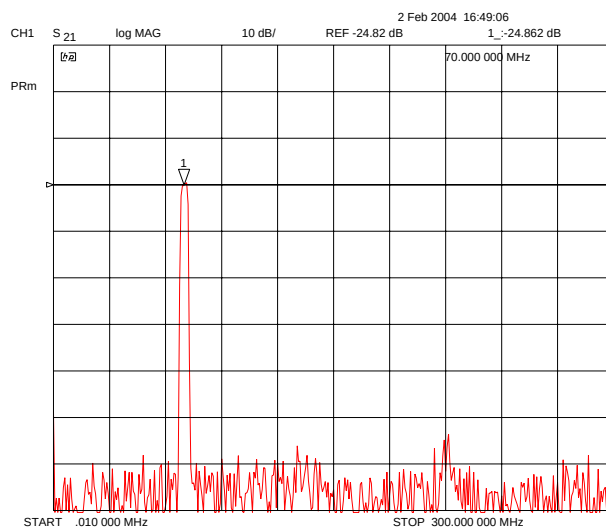
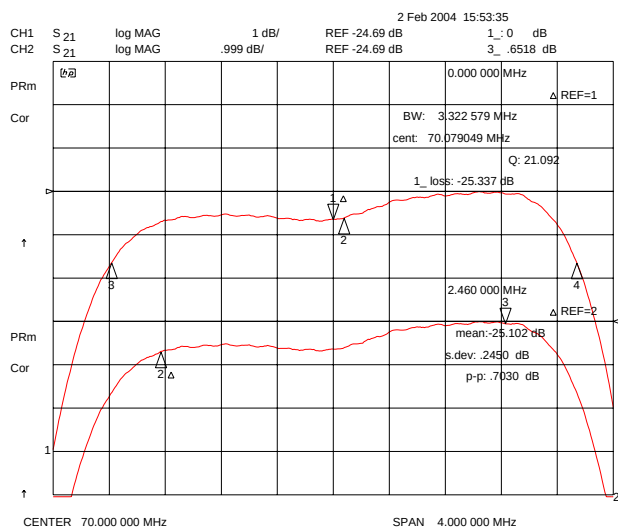
2004-04-22

Rev.

NI0019-CS03

4/5

SAW Bandpass Filter 201111B



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NI0019-CS03

5/5