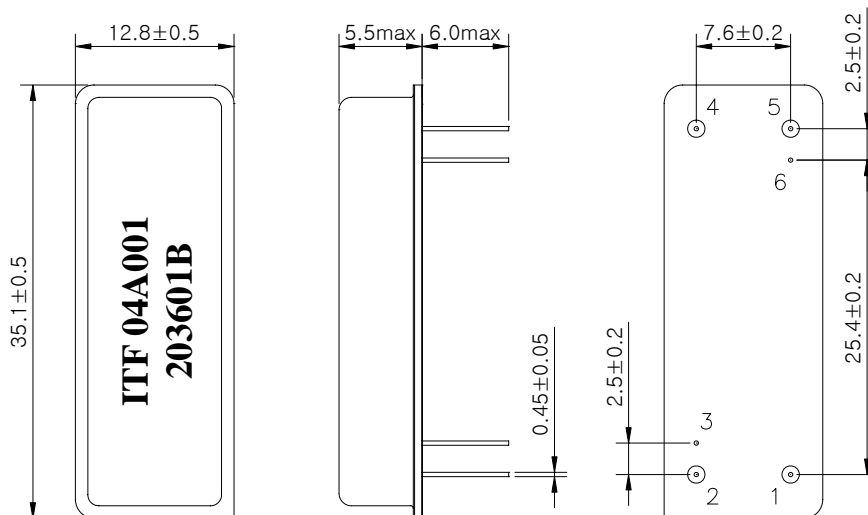


SAW Bandpass Filter 203601B

1. Features

- IF Bandpass Filter
- High Attenuation
- Single-Ended Operation
- DIP Package
- Maximum Storage Temperature Range : -40°C ~ 85°C
- 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	2004-04-26	
		Rev.	NM4006-CS01	1/5

SAW Bandpass Filter 203601B

3. Specifications

Fo = 115.0 MHz


Terminating source impedance : 50Ω and matching network

Terminating load impedance : 50Ω and matching network

		Minimum	Typical	Maximum
Center Frequency	MHz	114.85	115.0	115.15
Insertion Loss	dB	-	24.5	26.0
1dB Bandwidth	MHz	-	9.18	-
3dB Bandwidth	MHz	9.4	9.47	-
40dB Bandwidth	MHz	-	10.47	10.6
Amplitude Ripple (Fo +/- 4.4 MHz)	dB	-	0.8	1.0
Group Delay Variation (Fo +/- 4.4 MHz)	nsec	-	60	150
Absolute Delay	usec	-	4.23	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C	-	-23.0	-

Notes :

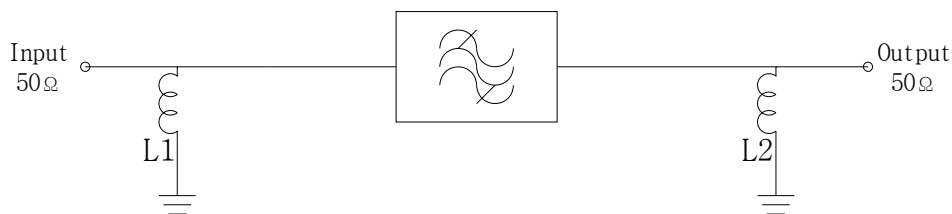
- 1) All specifications are based on the matching schematic shown below
- 2) All specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature
- 3) All attenuation measurements are measured relative to insertion loss

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		Rev. Date	2004-04-26	
		Rev.	NM4006-CS01	2/5

SAW Bandpass Filter 203601B

4. Matching Schematic

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



$$L1 = L2 = 56 \text{ nH}$$

5. Marking Configuration


ITF¹⁾ 04A001²⁾

203601B³⁾

1) Manufacturer name

2) Lot Number

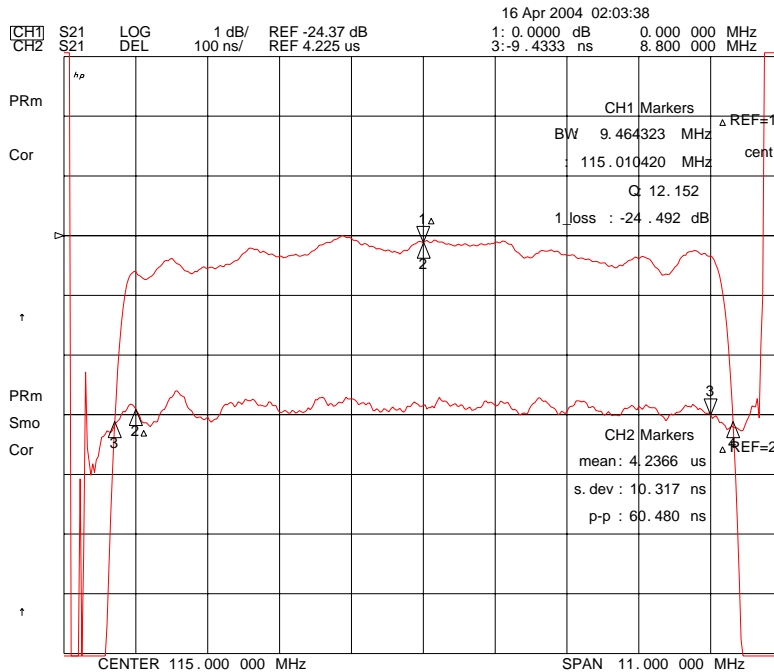
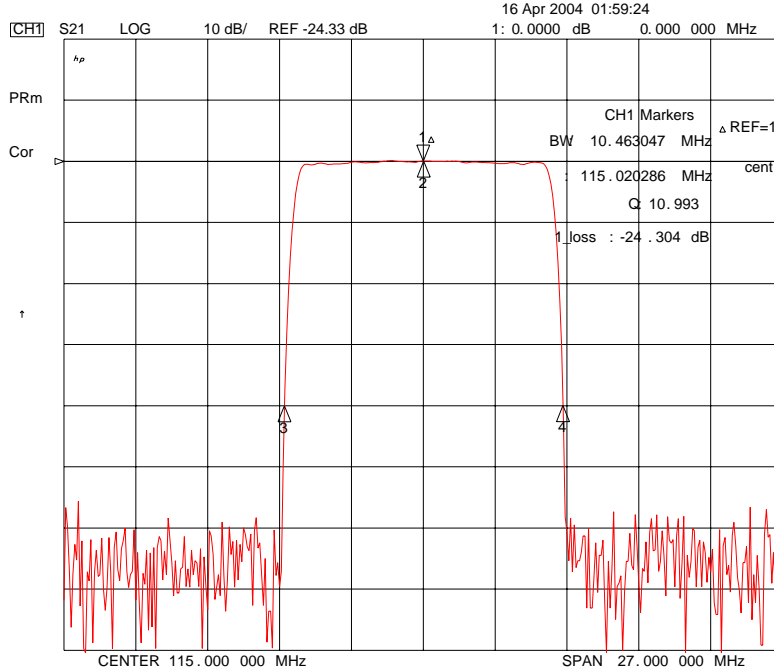
3) Part Number

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		Rev. Date	2004-04-26	
		Rev.	NM4006-CS01	3/5

SAW Bandpass Filter 203601B

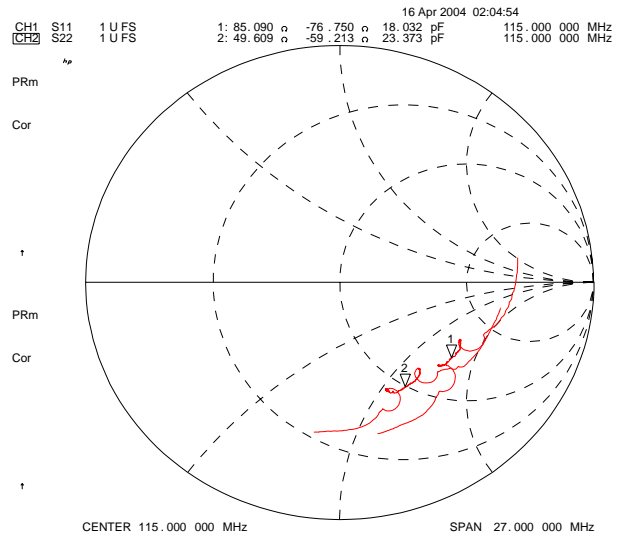
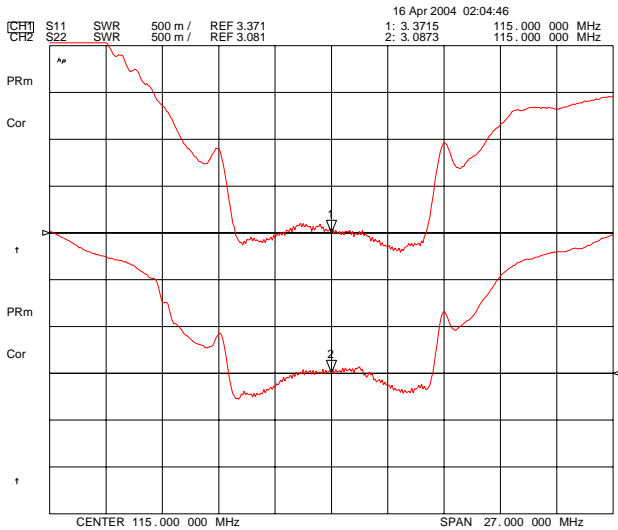
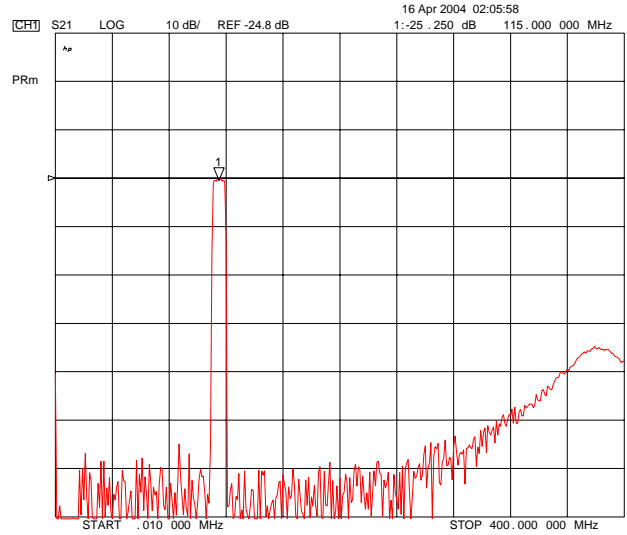
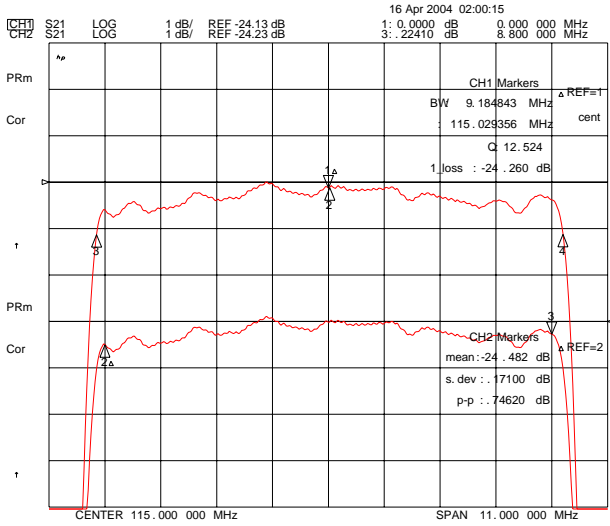


6. Typical Performance (at +25°C)



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		Rev. Date	2004-04-26	
		Rev.	NM4006-CS01	4/5

SAW Bandpass Filter 203601B



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Part No.	203601B	
Rev. Date	2004-04-26	
Rev.	NM4006-CS01	5/5