

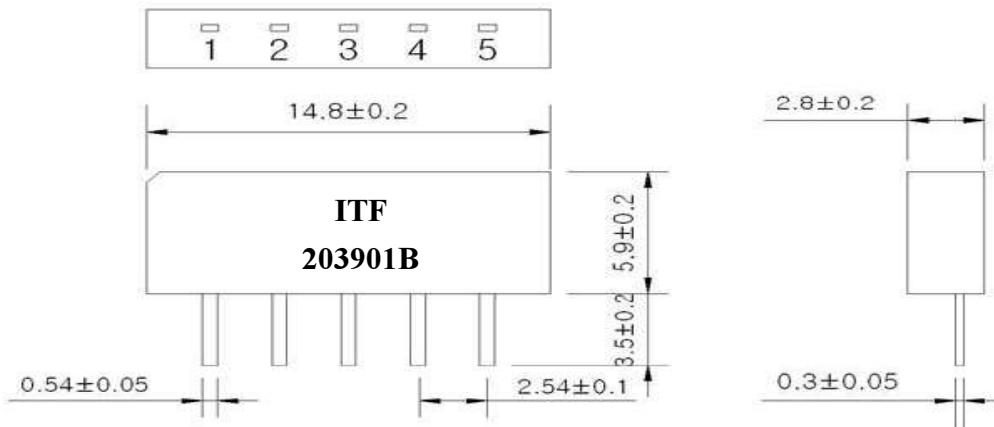
SAW Bandpass Filter 203901B



1. Features

- IF Bandpass Filter for TV
- Plastic Package

2. Package Dimension



Package : SIP5D

Dimensions shown are nominal in millimeters
Tinned CuFe alloy

Pin Configuration	
1	Input
2	Input ground
3	Case ground
4	Output
5	Output

Parameter	Unit	Minimum	Typical	Maximum
Storage Temperature Range	°C	-40	25	85

	ITF Co., Ltd. 102-901, Bucheon Technopark 364, Samjeong-Dong, Ojeong-Gu, Bucheon-City, Gyeonggi-Do, Korea 421-809	Part No.	203901B	
		Rev. Date	2004-12-31	
		Rev.	NT4001-CS01	1/5

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3. Specifications

F₀ = 23.4 MHz

Terminating source impedance : 50Ω

Terminating load impedance : 2KΩ // 3pF

		Minimum	Typical	Maximum
Center Frequency	MHz	-	23.4	-
Insertion Loss	dB	9.8	11.8	13.8
3dB Bandwidth	MHz	-	1.9	-
30dB Bandwidth	MHz	-	3.2	-
Relative Attenuation				
15.06 ~ 20.66 MHz	dB	36.0	42.0	-
20.66 ~ 21.66 MHz	dB	34.0	40.0	-
25.26 ~ 26.26 MHz	dB	33.0	38.0	-
26.26 ~ 35.06 MHz	dB	36.0	42.0	-
Group Delay Variation (22.5 ~24.3 MHz)	nsec	-	115	-
Absolute Delay	usec	-	1.2	-
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

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

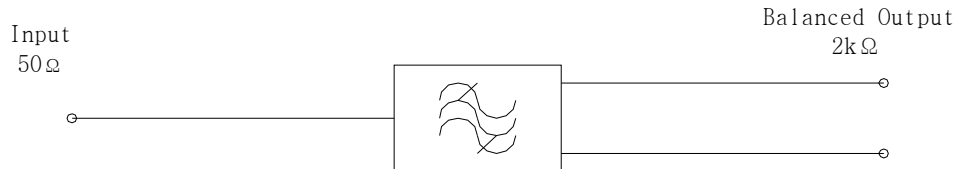
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4. Matching Schematic

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



5. Marking Configuration

ITF¹⁾
203901B²⁾

1) Manufacturer name

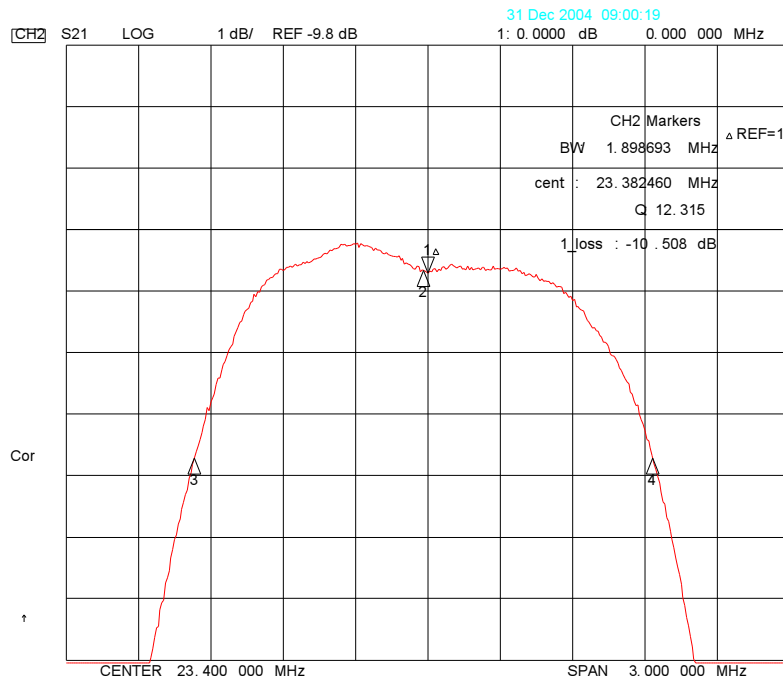
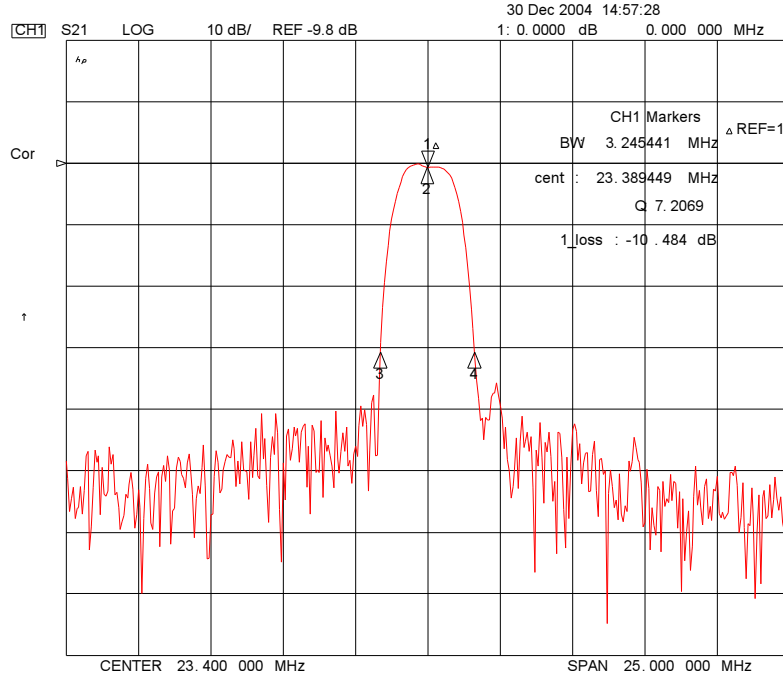
2) Part Number

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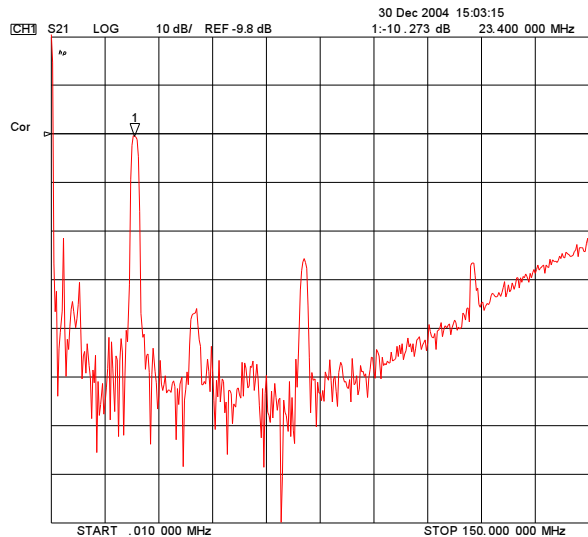
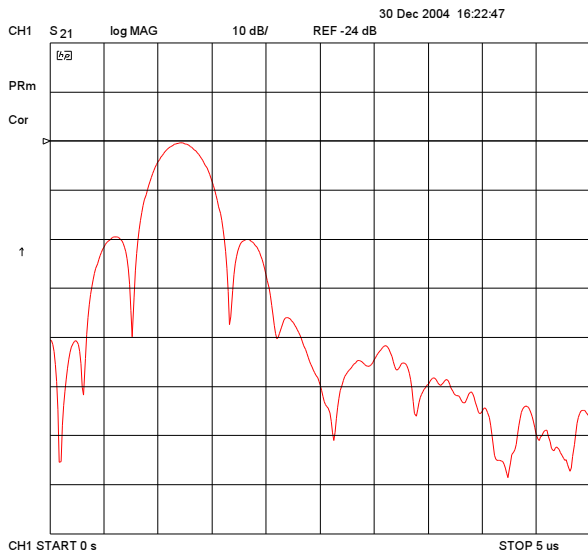
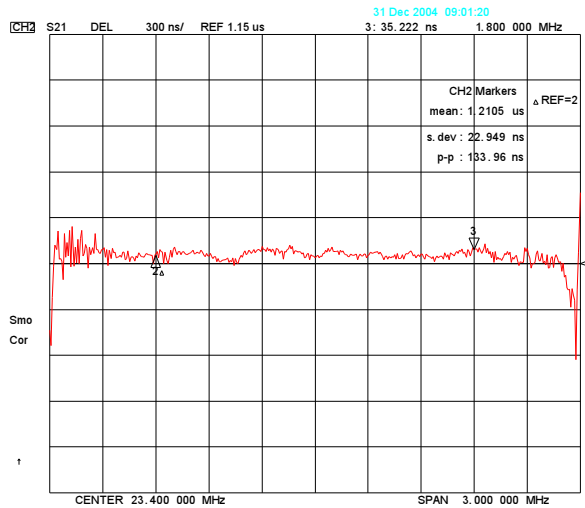
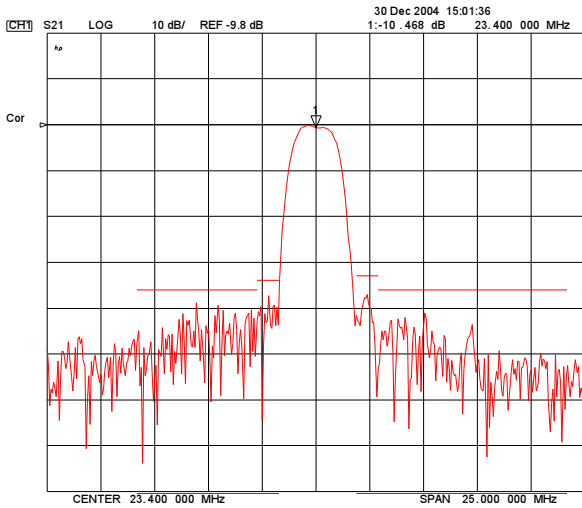


6. Typical Performance (at +25°C)



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