

Dielectric Ceramic Filter Specification

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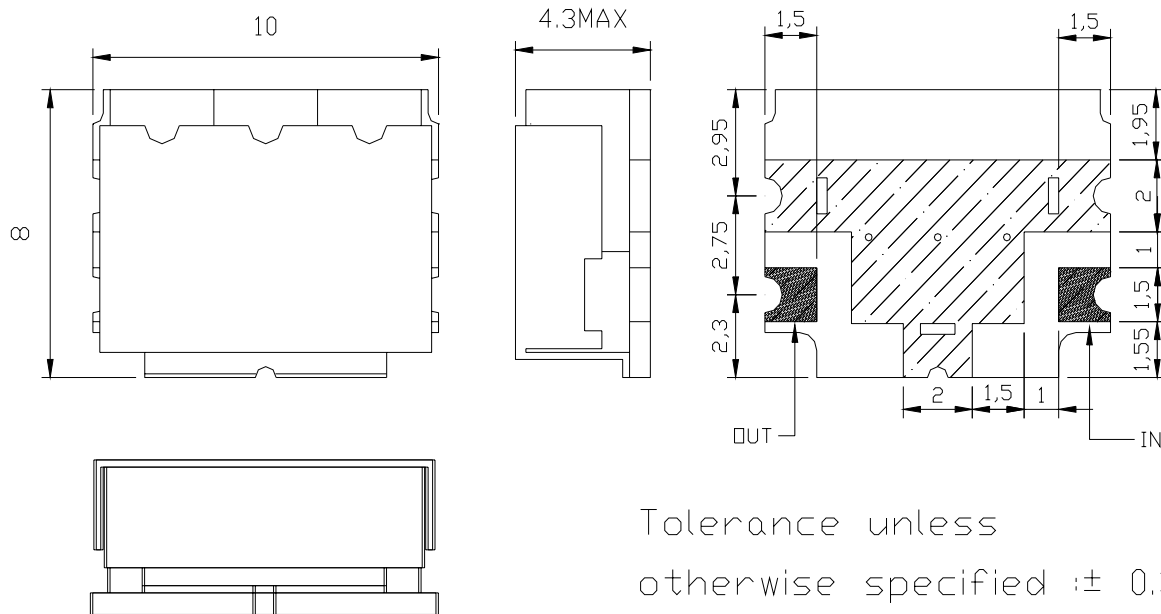
SPECIFICATIONS

1	Center Frequency (fo)	a1	1960 MHz
2	Pass Band Width(PB)	b1	Fo+/-30MHz
3	Ripple IN PB	d1	0.8dBmax
4	V.S.W.R IN PB	b1	1.8 MAX
5	Insertion Loss IN PB	b1	2.2 dB max
6	Attenuation	Fo+/-100	e1~f1 15 dB min
		Fo+/-400 MHz	g1~h1 48 dB min
		MHz	h1 dB min
		MHz	h1 DB min
7	Impedance		50Ω
8	Maximum Input Power		1 W (+30dBm)
9	Group Delay Time in PB		ns max
10	Operating Temperature Range		-20 ~ +70 degree(°C)

Filtronetics, Inc

6010 Parretta Dr.
 Kansas City, MO 64120
 P: 819-231-7375
 F: 816-241-0368
 Email: info@filtro.net
www.filtro.net

Part Number: CF-19600603F
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Tolerance unless
 otherwise specified ± 0.3
 unit:mm

1. PCB
 - 1) MATERIAL : FR-4
 - 2) TERMINALS : Gold PLATED

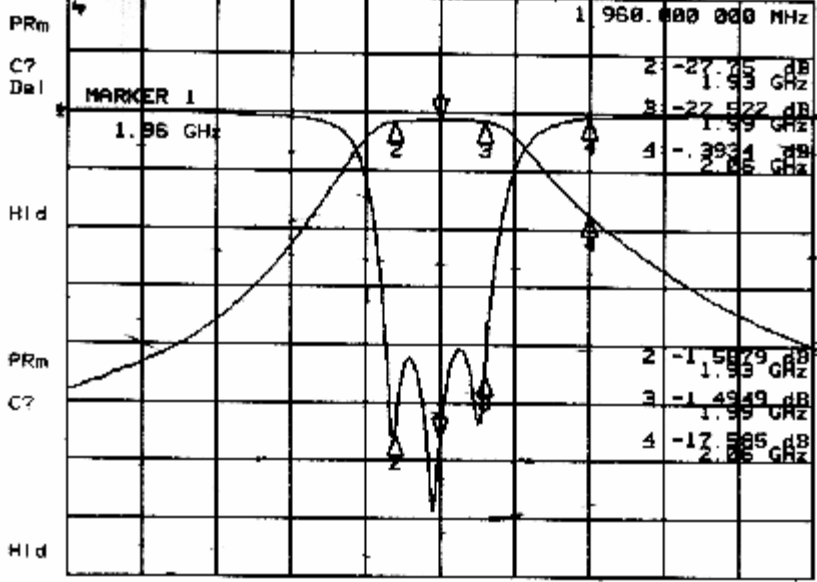
2. CASE
 - 1) MATERIAL : Sn/Pb OR Ni PLATED

3. RESONATOR
 - 1) COATING MATERIAL : Ag

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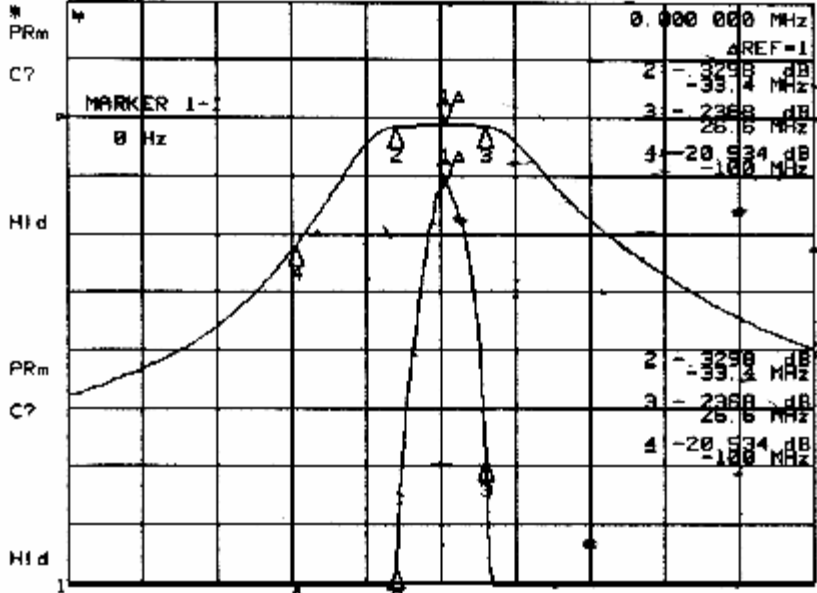
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20 Apr 2003 03:05:40
 CH1 S11 Log MAG 5 dB/ REF 0 dB 1: -20.171 dB
 CH2 S21 log MAG 10 dB/ REF 0 dB 1: -1.2624 dB



CENTER 1.960.000.000 MHz SPAN 500.000.000 MHz

20 Apr 2003 03:06:38
 CH1 S21 log MAG 05 dB/ REF -1.2 dB 1: 0 dB
 CH2 S21 log MAG 10 dB/ REF 0 dB 1: 0 dB

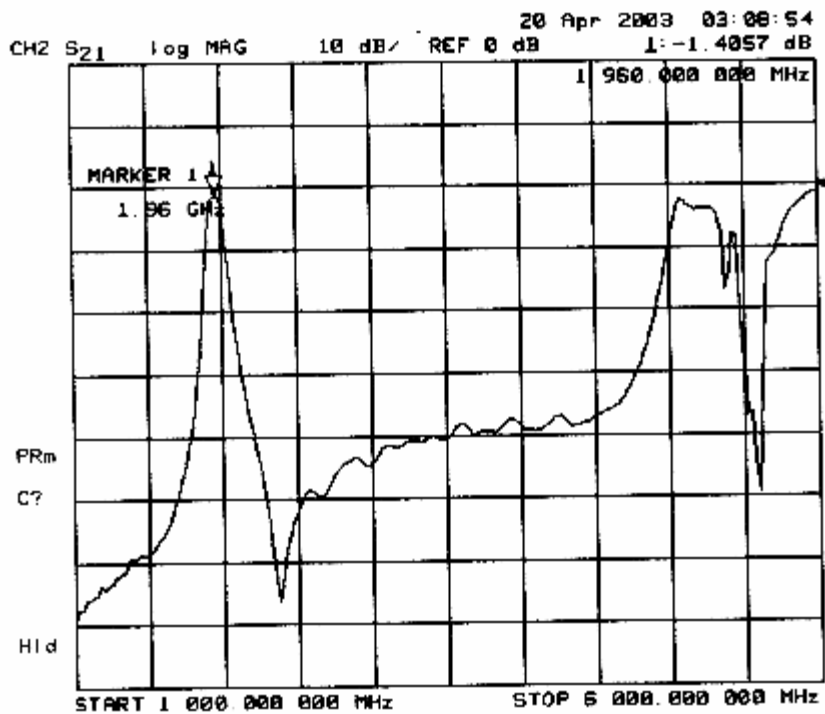
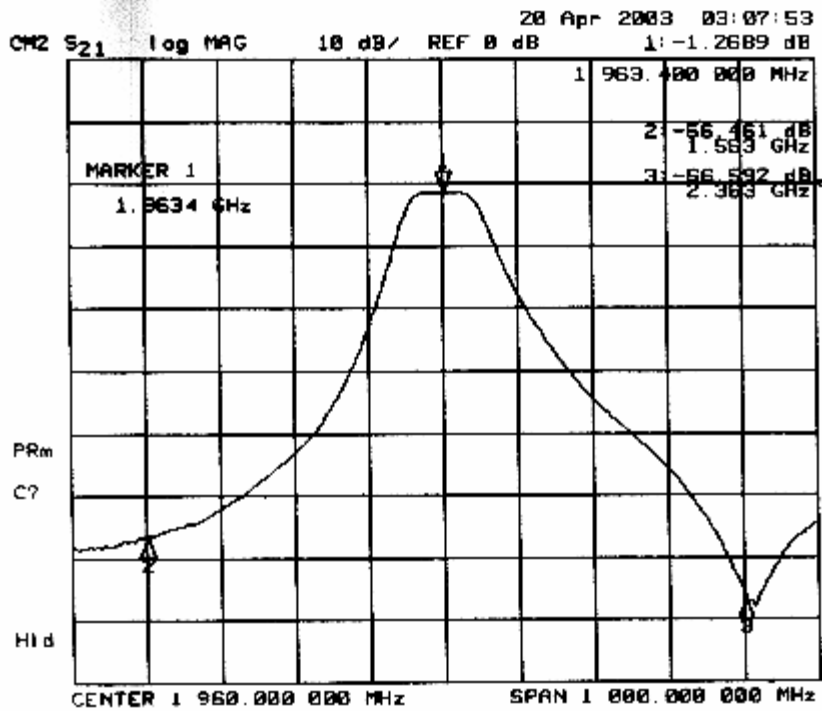


CENTER 1.960.000.000 MHz SPAN 500.000.000 MHz

Pass Band and Return Loss

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Stop Band

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