

## Specifications



### FEATURES

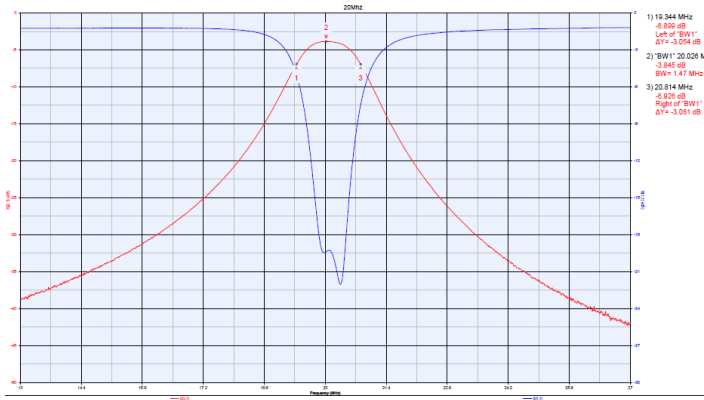
Netcom's 5592 is a sub-harmonic tunable filter covering the frequency range of 20 to 520MHz.

Frequency Range	20 to 520 MHz
Input / Output Impedance	50 $\Omega$
RF Power Rating	
Inband, Continuous / Peak	1 W
Out-of-Band, Max	5 W
Filter Bandwidth, 3 dB	7 %
Shape Factor 30/3 dB	6.5
Insertion Loss (Avg)	4.5 dB
In / Out Return Loss	10 dB
Tuning Channels	5000 at 100KHz step
Switching Speed, 90% RF Power	60 $\mu$ sec
DC Inputs	
+5 Volts ( $\pm$ 0.5 Volts)	290 mA
+100 Volts (-7, +25 Volts)	1.0 mA
Temperature Range	-40 to +85°C
Control Interface	- Selectable 13 bit Parallel or Serial - TTL and CMOS Compatible
Power Save Mode	Programmable
Dimensions	2.80 x 2.00 x .50 inches

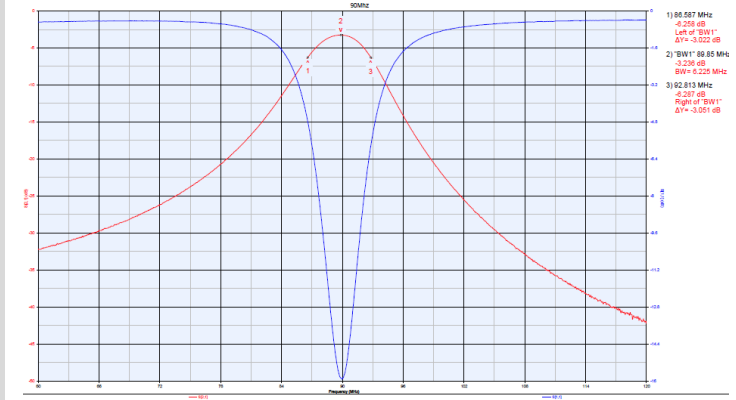
# Performance

20 MHz

Band 1

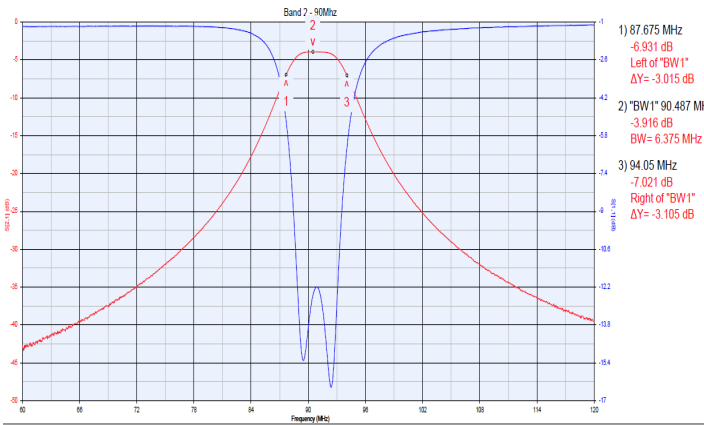


90 MHz

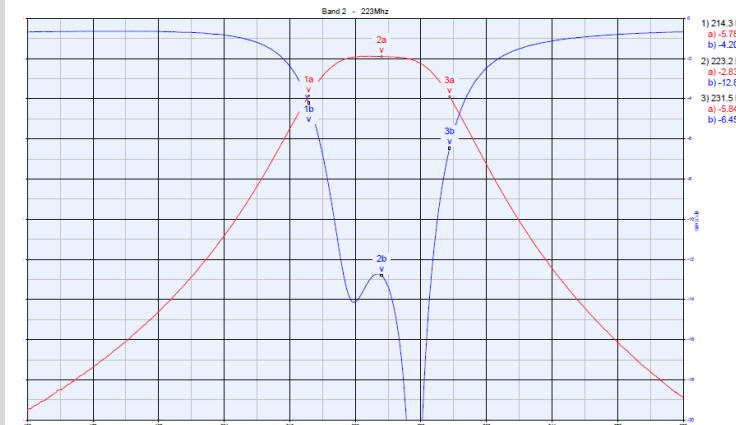


90 MHz

Band 2

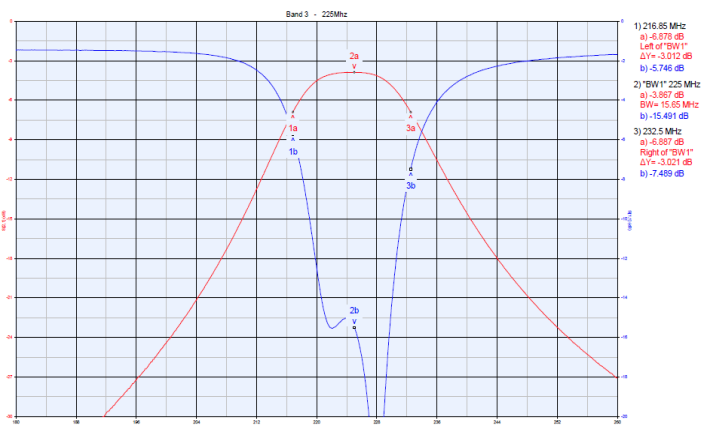


223 MHz

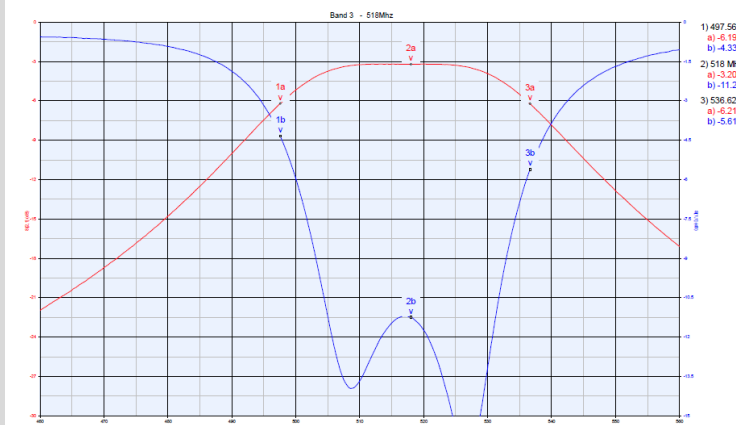


225 MHz

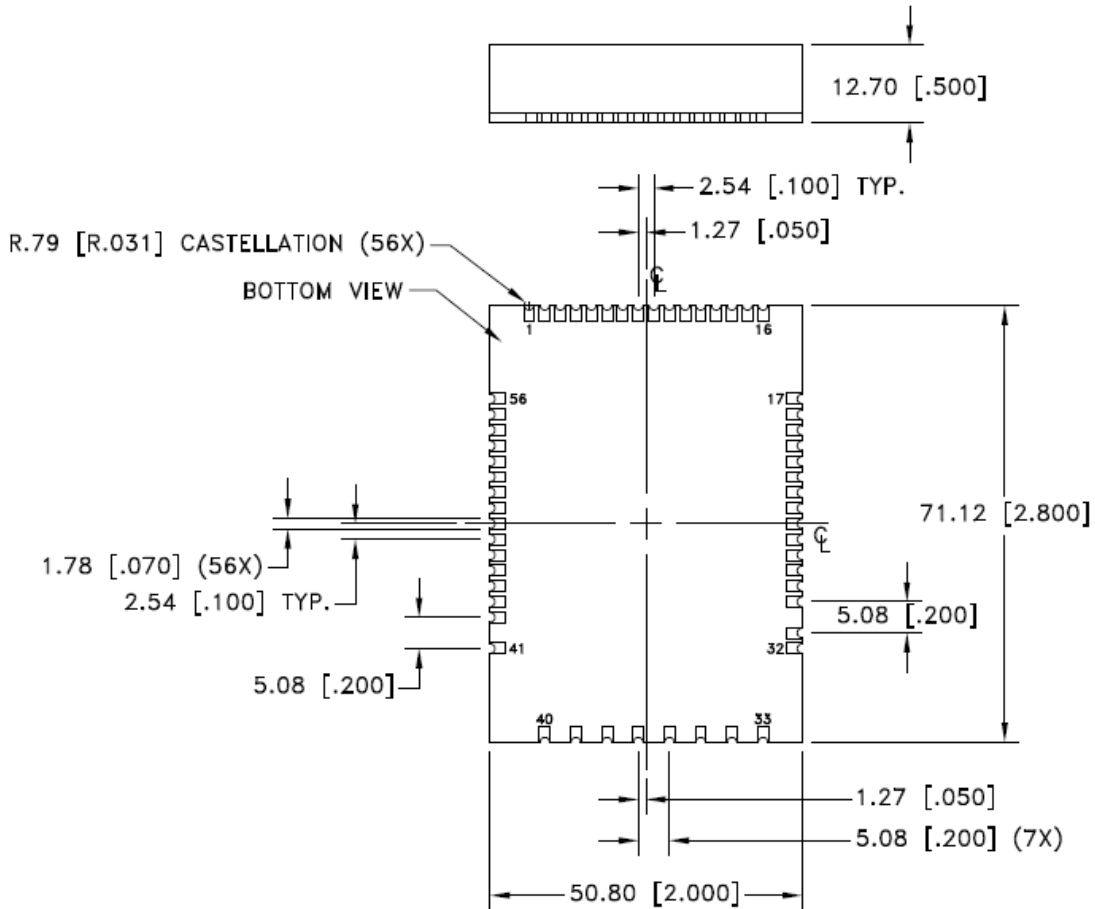
Band 3



520 MHz



# Mechanical



**NOTES:**

1. TOLERANCES  $\pm 0.25$  [.010] UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE mm [inches].

# Ordering Information

Model Number	-	Bandwidth	-	Option
5592		3		Leave blank for selectable interface S: Serial Interface Only P: Parallel Interface Only
		5		
		7		

\*Standard bandwidths listed. Other bandwidths are available upon request.



599 Wheeling Road  
Wheeling, IL 60090  
USA  
Phone 847.537.6300  
Fax 847.537.2700  
[www.netcominc.com](http://www.netcominc.com)