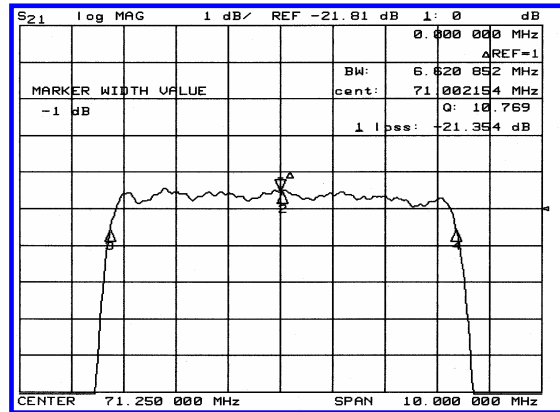
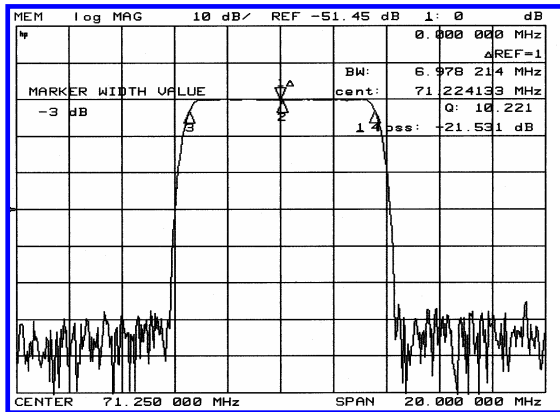


# SGC Technologies Inc 71.25 MHz Bandpass Filter

## 7.0 MHz Bandwidth

311691

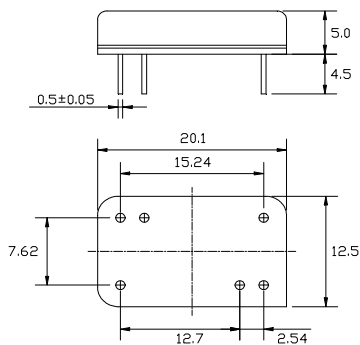
### Typical Performance



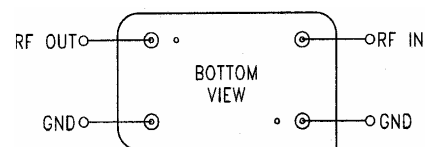
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	71.17	71.25	71.33
Insertion Loss	dB	-	21.50	23.00
1dB Bandwidth	Mhz	6.50	6.62	-
3dB Bandwidth	Mhz	6.90	6.98	-
40dB Bandwidth	Mhz	-	8.30	8.50
Passband Ripple	dB	-	0.55	1.00
Group Delay Variation	nsec	-	100	200
Absolute Delay	μsec	-	2.3	-
Ultimate Attenuation	dB	50.0	-	-
Substrate Material	-	YZ-LiNbO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-94		

### Package Dimension



### Matching Configuration



No Matching required  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

03/29/2003