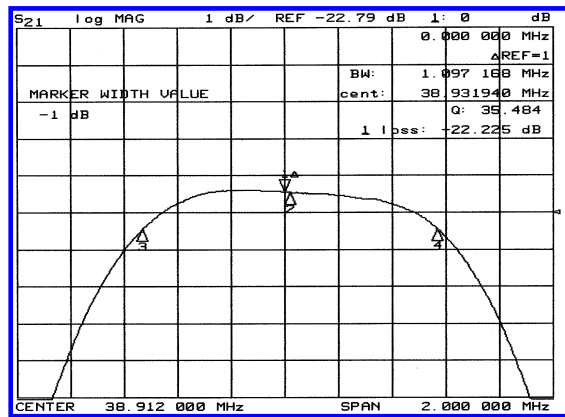
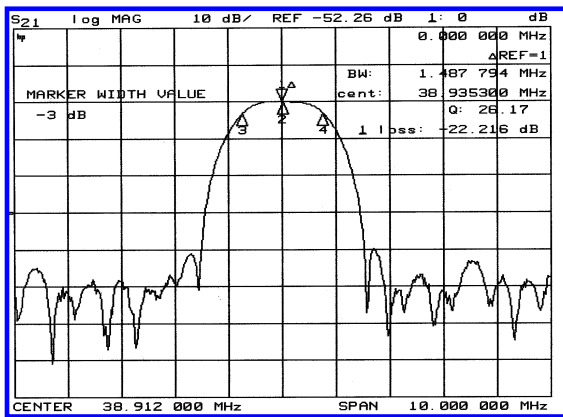


# SGC Technologies Inc 38.912MHz Bandpass Filter

## 1.5 MHz Bandwidth

510117

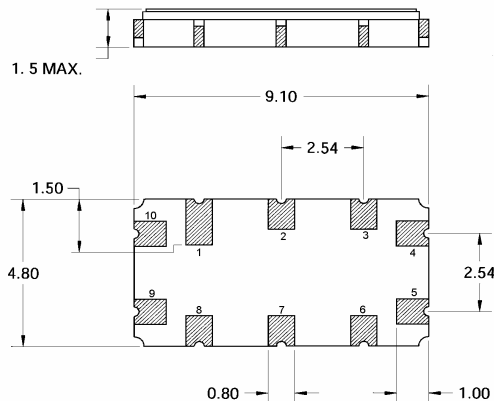
### Typical Performance



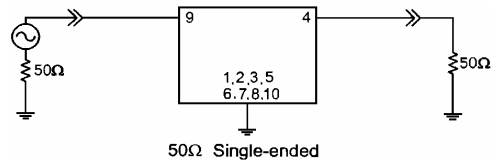
### Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	Mhz	38.812	38.912	39.012
Insertion Loss	dB	-	22.5	24.0
1dB Bandwidth	Mhz	1.00	1.09	-
3dB Bandwidth	Mhz	1.40	1.48	-
30dB Bandwidth	Mhz	-	2.88	3.00
Ultimate Attenuation				
30.00 ~ 36.26 Mhz	dB	35.0	40.0	-
36.26 ~ 37.30 Mhz	dB	35.0	40.0	-
40.60 ~ 41.40 Mhz	dB	35.0	40.0	-
41.40 ~ 50.00 Mhz	dB	35.0	40.0	-
Substrate Material	-	LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-20		

### Package Dimension



### Matching Configuration



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

06/11/2004