

# SGC Technologies, Inc.

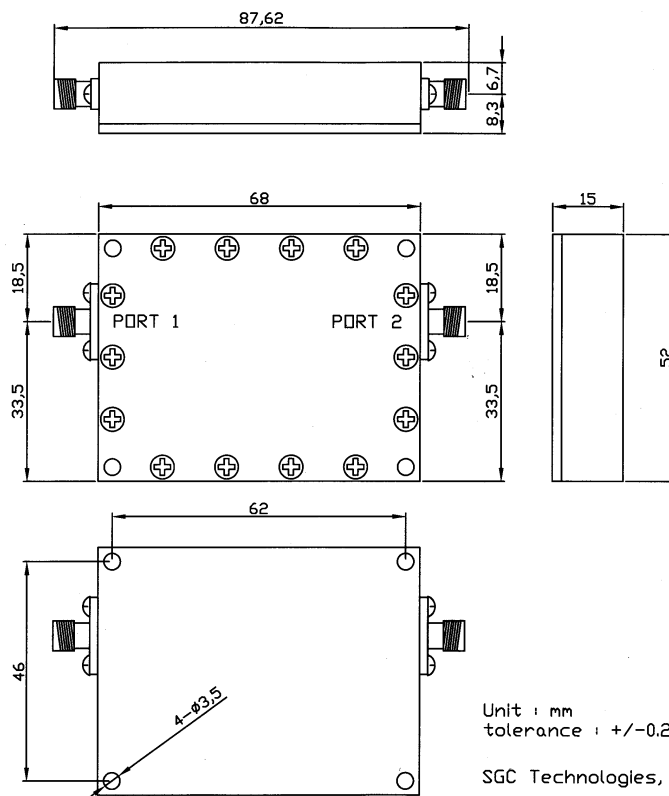
## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SBH-6R6-TYPE**

**PART NO: SBH-6R6-1000BP10C**

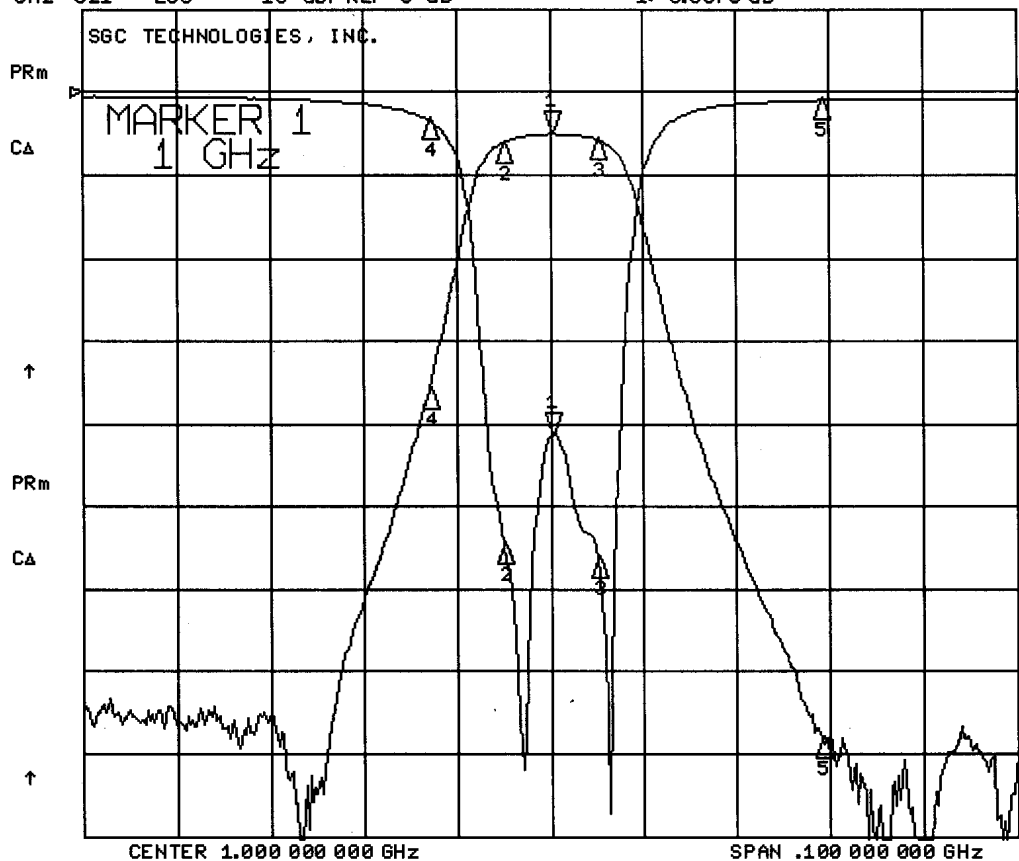
Center frequency	1000 MHz
Pole	6
1dB Band width	10 MHz min
3dB Band width	16 MHz max
40dB Band width	32.5 MHz max
Insertion Loss	6.5 dB max
VSWR in BW	1.5 max
Attenuation	50dB min at DC to 974 MHz
	28dB min at 974 MHz to 987 MHz
	28dB min at 1029 MHz to 1043 MHz
	50dB min at 1043 MHz to 2008 MHz
In/Out Impedance	50 ohm

DIMENSION:



### SBH - 6R6 - 1000BP10C

CH1 S11 LOG 5 dB/REF 0 dB 1:-20.646 dB 1.000 000 000 GHz  
CH2 S21 LOG 10 dB/REF 0 dB 1:-5.0870 dB



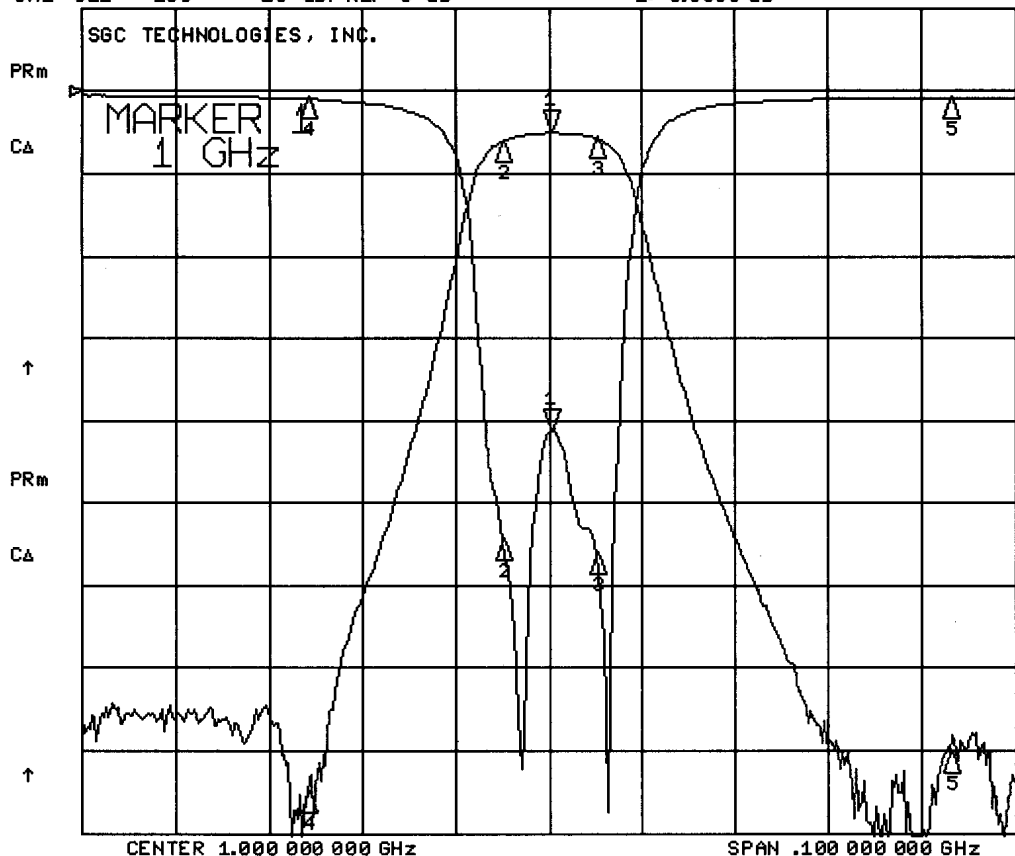
**CH1 Markers**

- 2:-27.287 dB  
995.000 MHz
- 3:-28.101 dB  
1.00500 GHz
- 4:-1.6930 dB  
987.000 MHz
- 5:-4.9200 dB  
1.02900 GHz

**CH2 Markers**

- 2:-6.0810 dB  
995.000 MHz
- 3:-5.7400 dB  
1.00500 GHz
- 4:-35.624 dB  
987.000 MHz
- 5:-78.089 dB  
1.02900 GHz

CH1 S11 LOG 5 dB/REF 0 dB 1:-20.640 dB 1.000 000 000 GHz  
CH2 S21 LOG 10 dB/REF 0 dB 1:-5.0830 dB



**CH1 Markers**

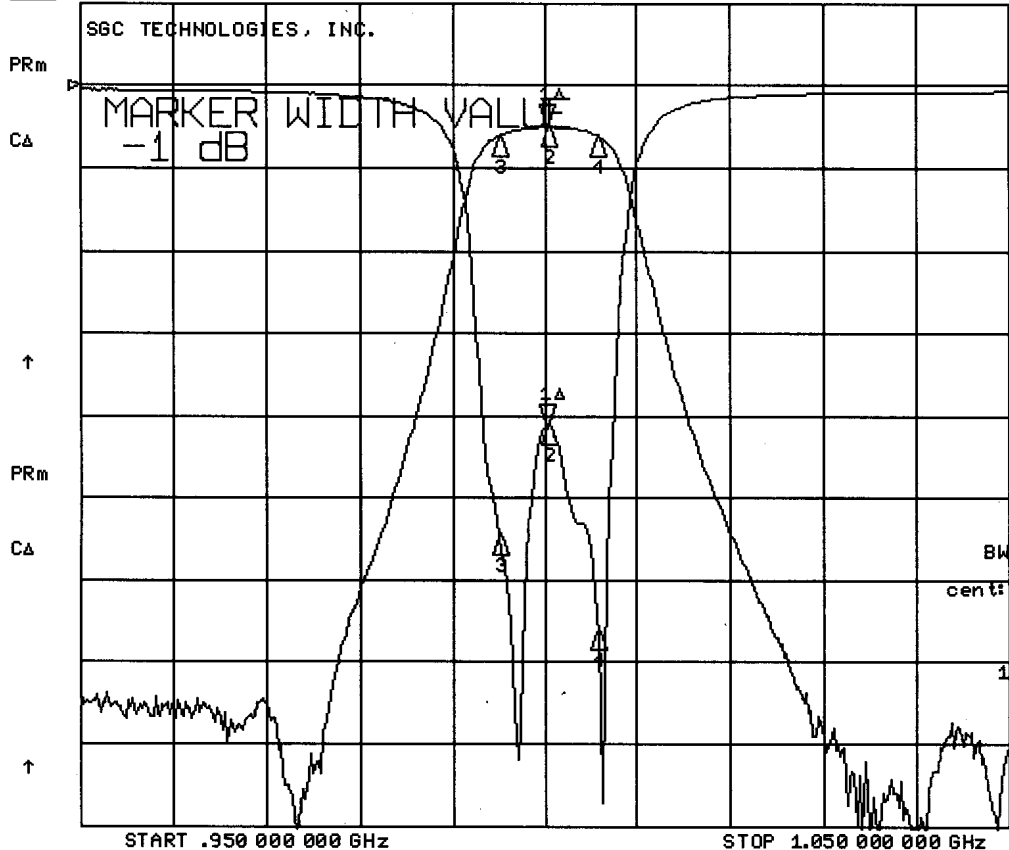
- 2:-27.272 dB  
995.000 MHz
- 3:-28.134 dB  
1.00500 GHz
- 4:-4.7200 dB  
974.000 MHz
- 5:-3.9300 dB  
1.04300 GHz

**CH2 Markers**

- 2:-6.0720 dB  
995.000 MHz
- 3:-5.7360 dB  
1.00500 GHz
- 4:-84.973 dB  
974.000 MHz
- 5:-80.268 dB  
1.04300 GHz

### SBH - 6R6 - 1000BP10C

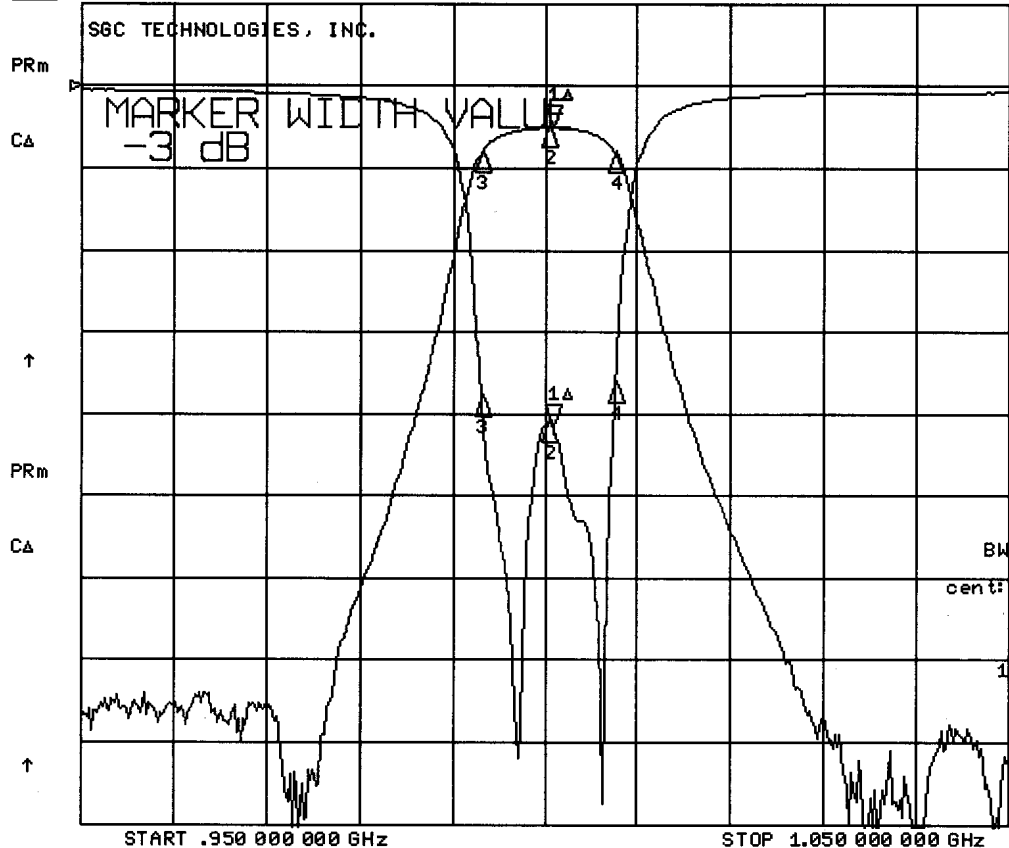
CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB  
 CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



CH1 Markers  
 2: .10500 dB  
 351.455 kHz  
 3: -6.6130 dB  
 -5.00777 MHz  
 4: -12.336 dB  
 5.71068 MHz

CH2 Markers  
 Max ΔREF=1  
 BW: .010718466 GHz  
 cent: 1.000351455 GHz  
 Q: 93.330  
 1 loss: -5.0750 dB

CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB  
 CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz

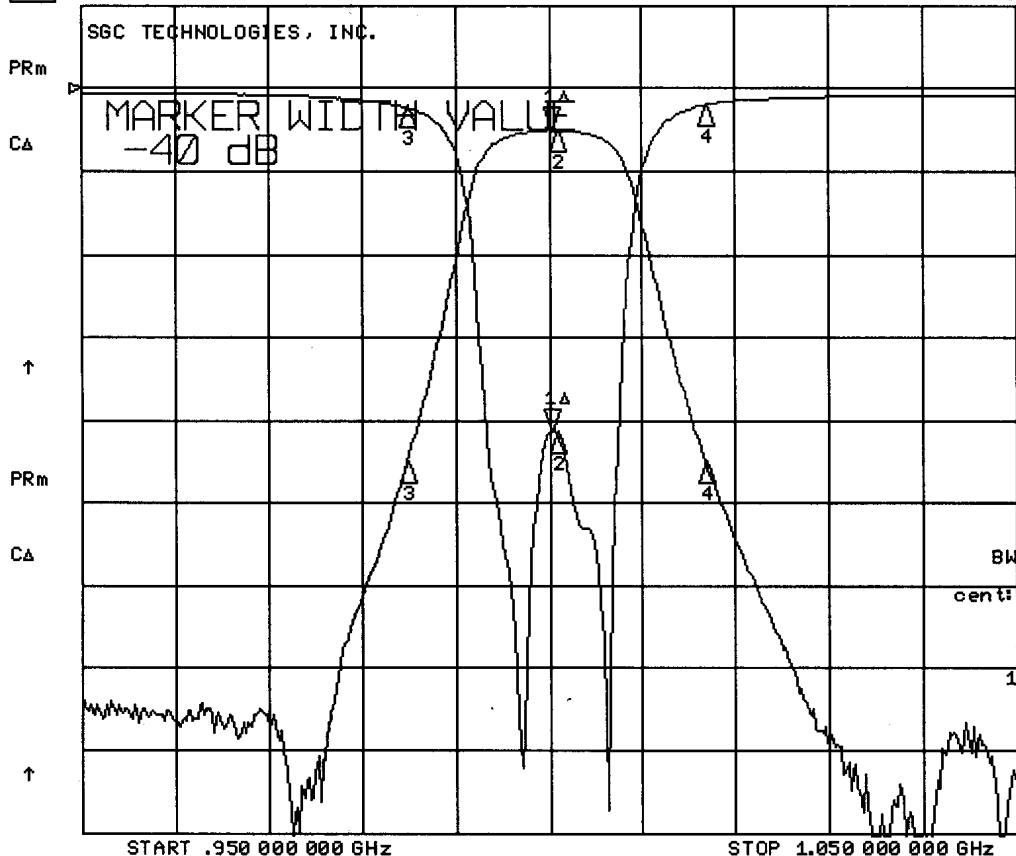


CH1 Markers  
 2: .17900 dB  
 -477.550 kHz  
 3: 1.7680 dB  
 -7.77550 MHz  
 4: 2.5410 dB  
 6.82040 MHz

CH2 Markers  
 Max ΔREF=1  
 BW: .014595900 GHz  
 cent: 1.000272450 GHz  
 Q: 68.531  
 1 loss: -5.0730 dB

### SBH - 6R6 - 1000BP10C

CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB  
 CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



CH1 S11 LOG 5 dB/REF 0 dB 5: -.69200 dB  
 CH2 S21 LOG 10 dB/REF 0 dB 5: -49.744 dB 2.871 190 122 GHz

