

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SBP-6R4-TYPE**

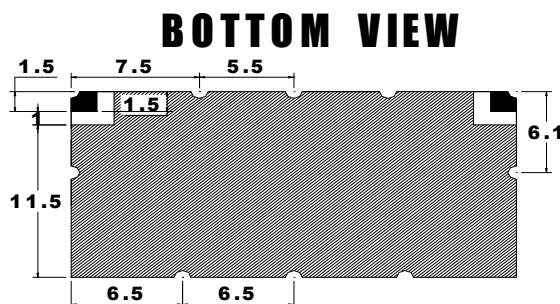
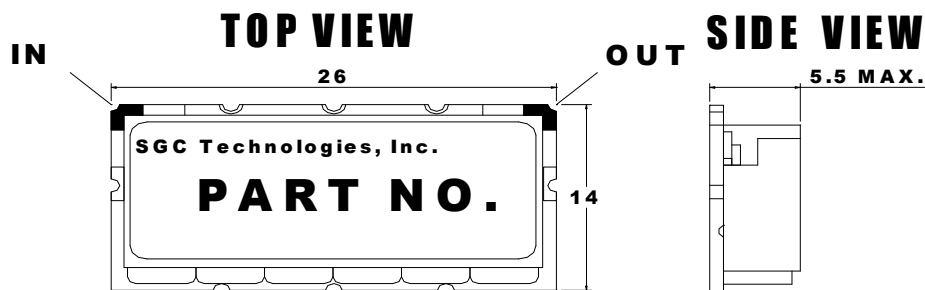
**PART NO: SBP-6R4-997BP8A**

Center frequency	997MHz
Pole	6
Bandwidth(BW)	Fo $\pm$ 4 MHz
Insertion Loss	6.0 dB MAX
VSWR in BW	1.5 MAX
Ripple in BW	0.3 dB MAX
Attenuation	60dB MIN at Fo + 35 MHz 65dB MIN at Fo - 35 MHz
In/Out Impedance	50 ohm

**NOTE:**

**EQUIPMENT used :HP 8753E**

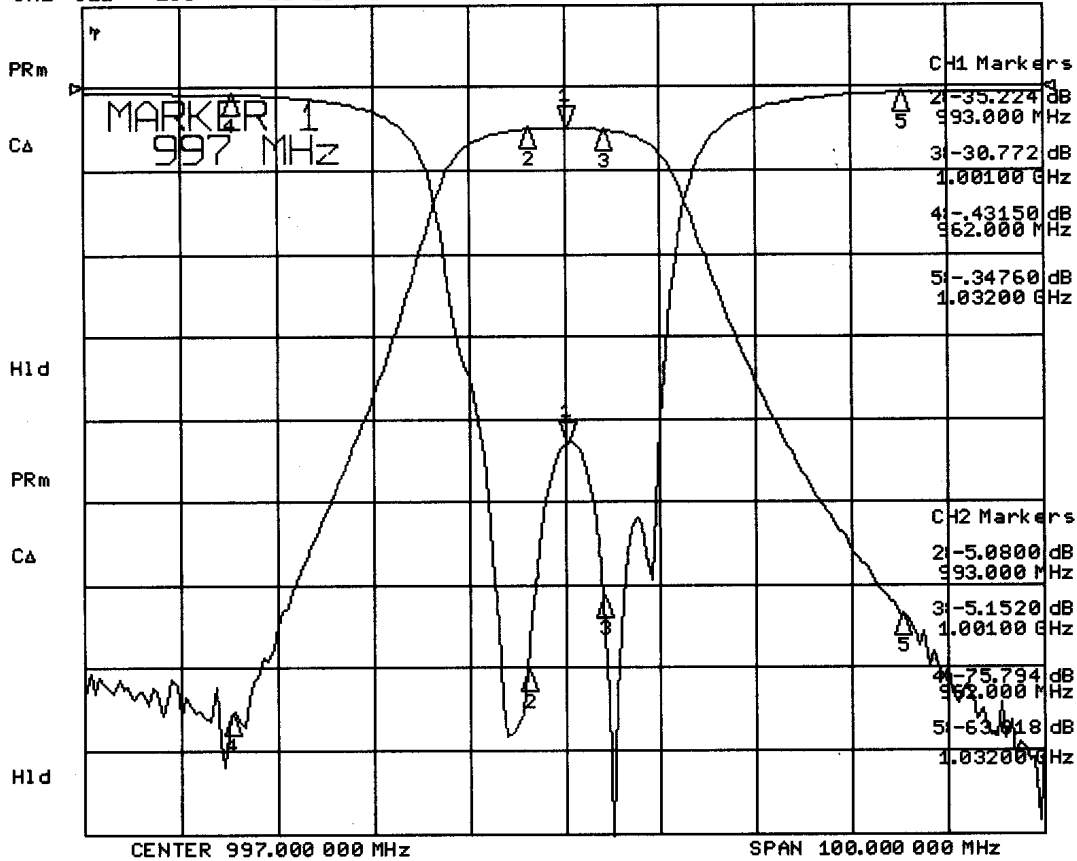
**DIMENSION:**



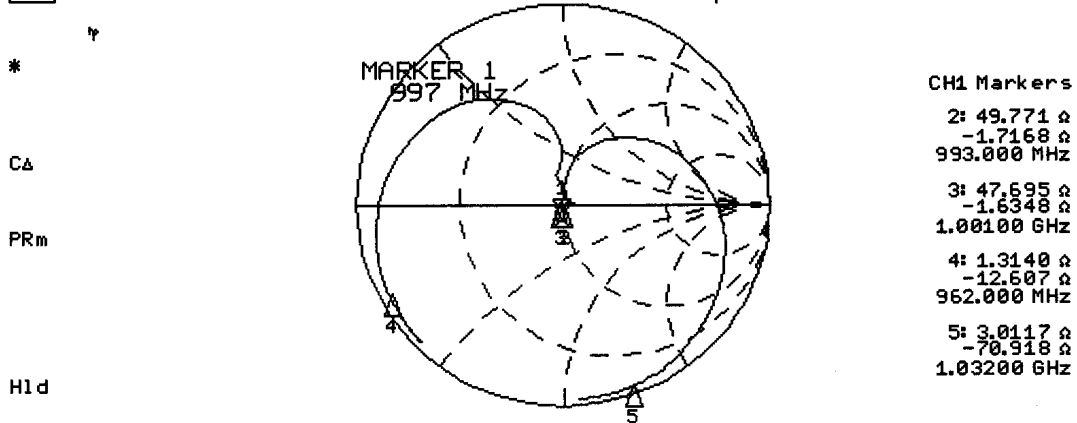
**TOLERANCE UNLESS OTHERWISE SPECIFIED :  $\pm$ 0.3**  
**DIMENSIONS : mm**

 **GROUND**  
 **I/O PORT**

CH1 S22 LOG 5 dB/REF 0 dB 1:-21.427 dB 997.000 000 MHz  
 CH2 S21 LOG 10 dB/REF 0 dB 1:-4.9031 dB



CH1 S22 1 U FS 1: 48.035  $\Omega$  -8.1113  $\Omega$  19.680 pF 997.000 000 MHz



CH2 S11 SWR 1 / REF 1 1: 1.1910 997.000 000 MHz

