

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SBP-8R8 TYPE**

**PART NO: SBP-8R8-1165BP39M**

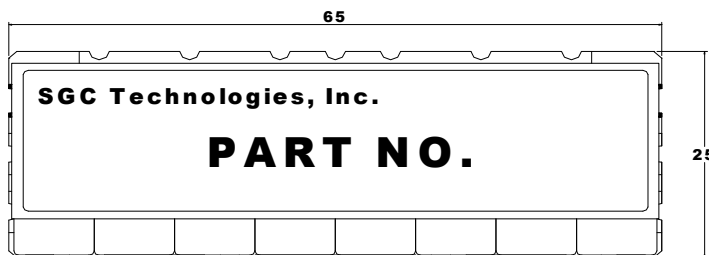
Center frequency	1165.5MHz
Pole	8
Band width (BW)	Fo $\pm$ 19.5 MHz
Insertion Loss	4.0 dB max
VSWR in BW	1.5 max
Ripple in BW	1.0 dB max
Attenuation	45 dBc min 1121 @ 1210 & MHz 65 dBc min 860 @ 1471 & MHz
In/Out Impedance	50 ohm

**NOTE:**

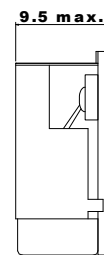
EQUIPMENT used :HP 8753E

**DIMENSION:**

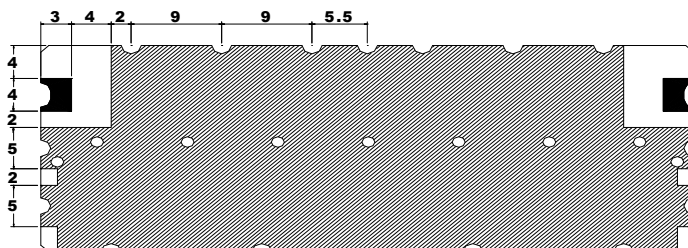
**TOP VIEW**



**SIDE VIEW**



**BOTTOM VIEW**

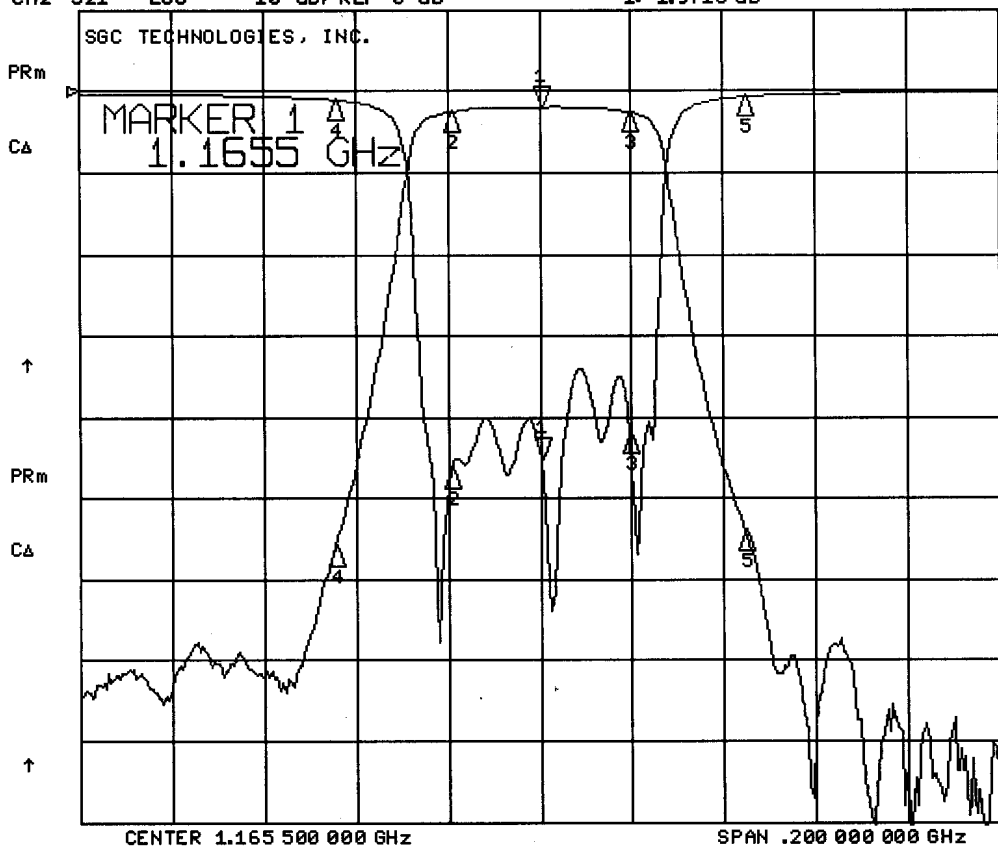


**TOLERANCE UNLESS OTHERWISE SPECIFIED :  $\pm$ 0.3**  
**DIMENSIONS : mm**

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

# SBP-8R8-1165BP39M

**CH1** S11 LOG 5 dB/REF 0 dB 1:-22.502 dB 1.165 500 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 1:-1.9710 dB



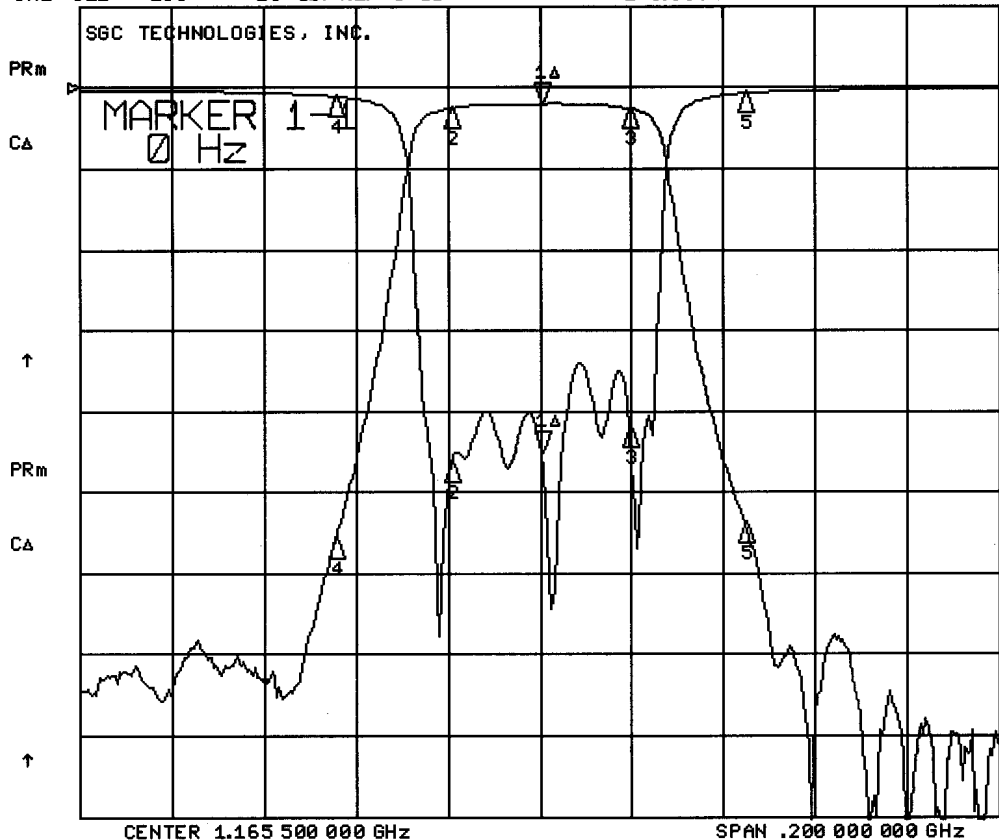
**CH1 Markers**

- 2:-23.209 dB  
1.14600 GHz
- 3:-21.053 dB  
1.18500 GHz
- 4:-52.200 dB  
1.12100 GHz
- 5:-33.900 dB  
1.21000 GHz

**CH2 Markers**

- 2:-2.5410 dB  
1.14600 GHz
- 3:-2.5560 dB  
1.18500 GHz
- 4:-55.864 dB  
1.12100 GHz
- 5:-53.940 dB  
1.21000 GHz

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



**CH1 Markers**

- ΔREF=1
- 2:-.67900 dB  
-19.5000 MHz
- 3: 1.4530 dB  
19.5000 MHz
- 4: 21.986 dB  
-44.5000 MHz
- 5: 22.172 dB  
44.5000 MHz

**CH2 Markers**

- 2:-.55900 dB  
-19.5000 MHz
- 3:-.56800 dB  
19.5000 MHz
- 4:-53.708 dB  
-44.5000 MHz
- 5:-51.771 dB  
44.5000 MHz