

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

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

**PART NO:** SBP-8R8-947BP25M

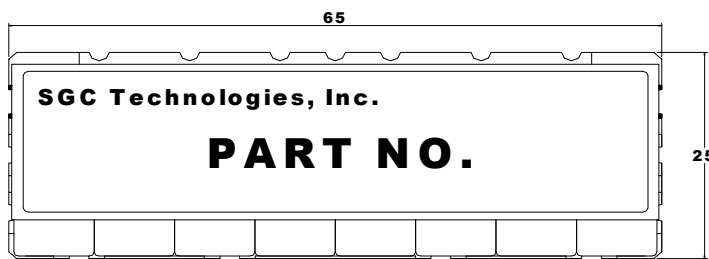
|                  |                                     |
|------------------|-------------------------------------|
| Center frequency | 947.5MHz                            |
| Pole             | 8                                   |
| Band width (BW)  | $F_o \pm 12.5\text{MHz}$            |
| Insertion Loss   | 4.0 dB max                          |
| VSWR in BW       | 2.0 max                             |
| Ripple in BW     | 1.0 dB max                          |
| Attenuation      | 60 dB min at $F_o - 32.5\text{MHz}$ |
| In/Out Impedance | 50 ohm                              |

**NOTE:**

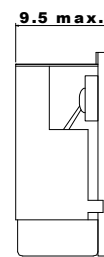
EQUIPMENT used :HP 8753E

**DIMENSION:**

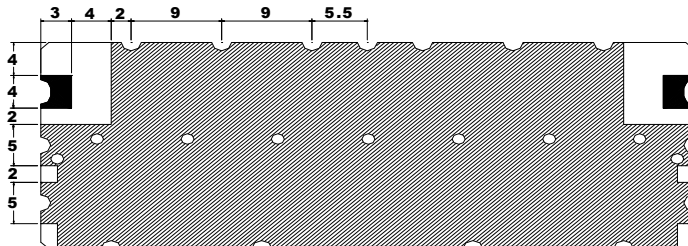
**TOP VIEW**



**SIDE VIEW**



**BOTTOM VIEW**

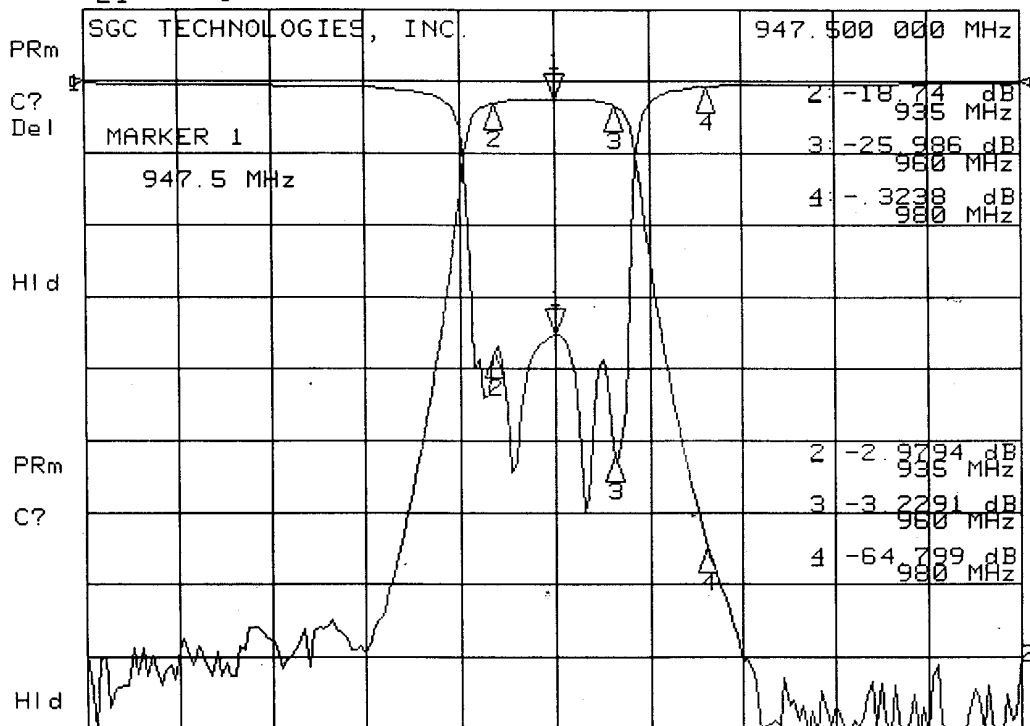


**TOLERANCE UNLESS  
OTHERWISE SPECIFIED : ±0.3  
DIMENSIONS : mm**

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

P/N : SBP-8R8-947BP25M

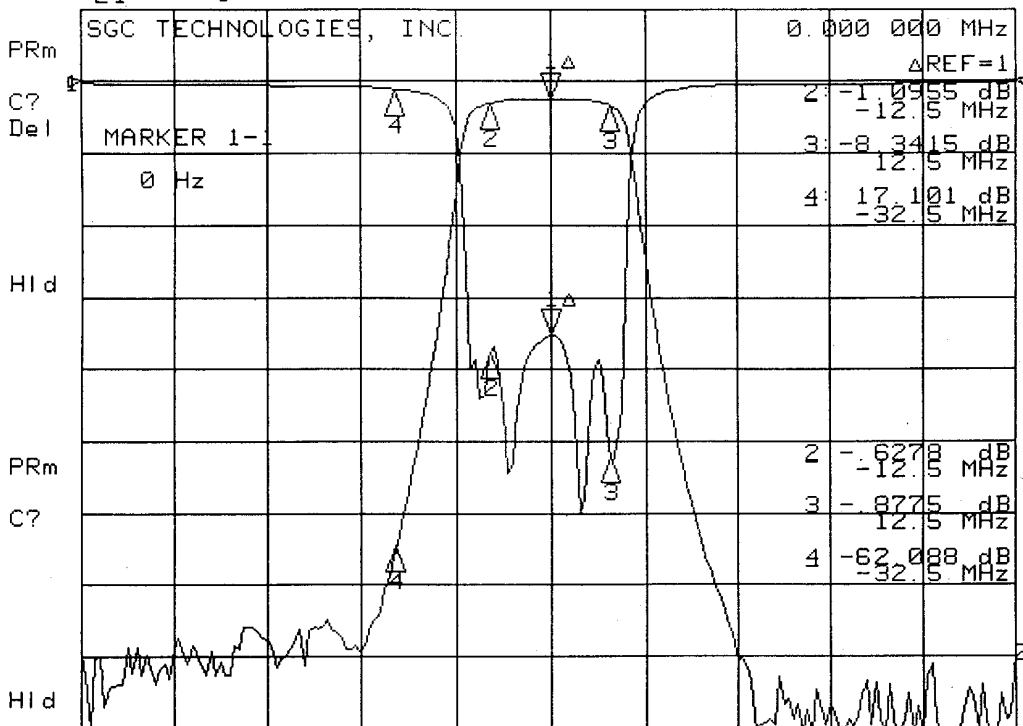
CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 1: -17.645 dB  
 CH2 S<sub>21</sub> log MAG 10 dB/ REF 0 dB 1: -2.3515 dB



CENTER 947.500 000 MHz SPAN 200.000 000 MHz

28 Aug 2002 18:13:55

CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 1: 0 dB  
 CH2 S<sub>21</sub> log MAG 10 dB/ REF 0 dB 1: 0 dB



CENTER 947.500 000 MHz SPAN 200.000 000 MHz