

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

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

**PART NO: SBP-8R8-902BP25M**

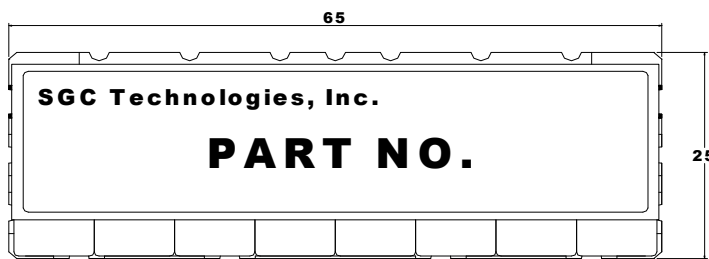
Center frequency	902.5MHz
Pole	8
Band width (BW)	$F_o \pm 12.5\text{MHz}$
Insertion Loss	4.0 dB max
VSWR in BW	2.0 max
Ripple in BW	1.0 dB max
Attenuation	60 dB min at $F_o + 32.5\text{MHz}$
In/Out Impedance	50 ohm

**NOTE:**

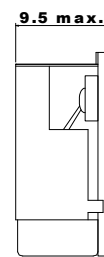
EQUIPMENT used :HP 8753E

**DIMENSION:**

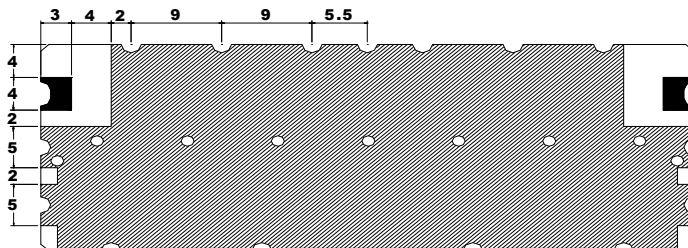
**TOP VIEW**



**SIDE VIEW**



**BOTTOM VIEW**

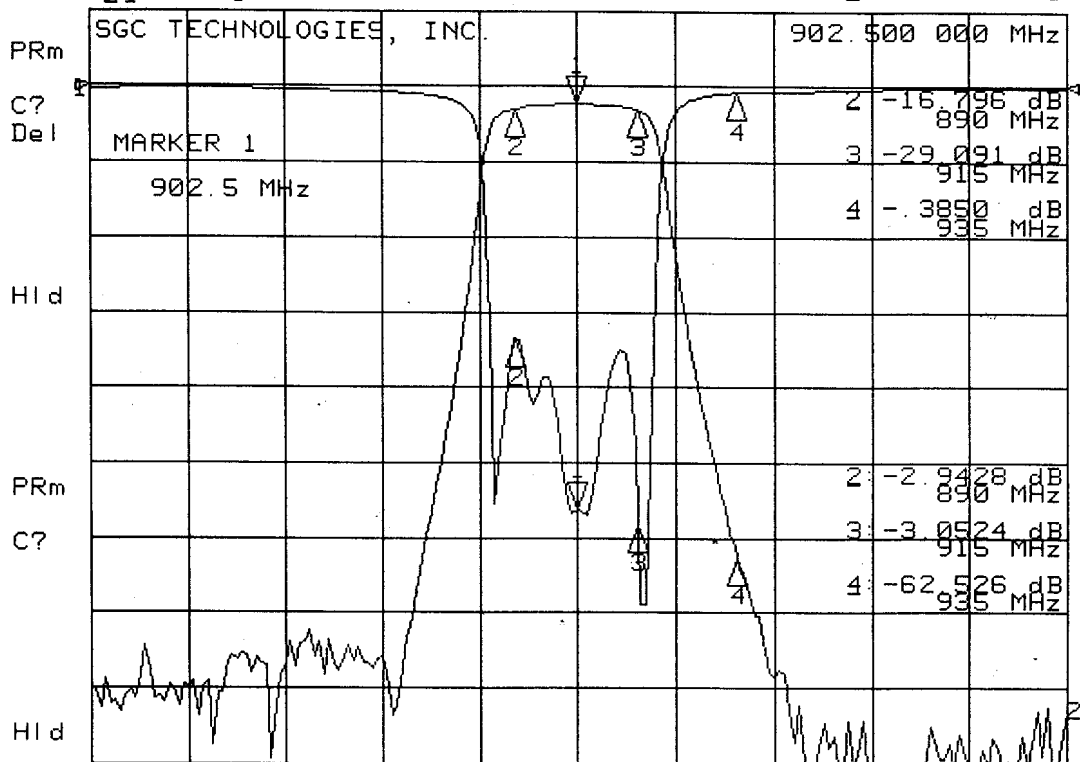


**TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3**  
**DIMENSIONS : mm**

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

P/N : SBP-8R8-902BP25M

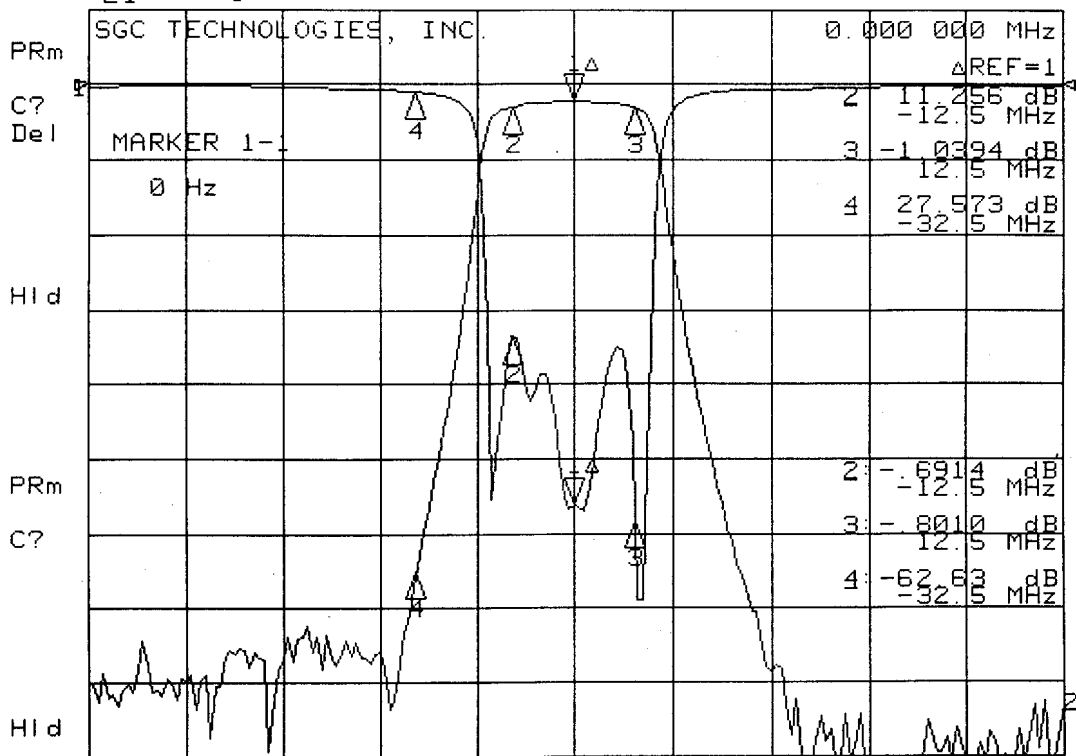
CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 1 -28.052 dB  
 CH2 S<sub>21</sub> log MAG 10 dB/ REF 0 dB 1: -2.2513 dB



CENTER 902.500 000 MHz SPAN 200.000 000 MHz

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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 902.500 000 MHz SPAN 200.000 000 MHz