

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**CUSTOMER:**

**PRODUCT NAME: SLB-A TYPE**

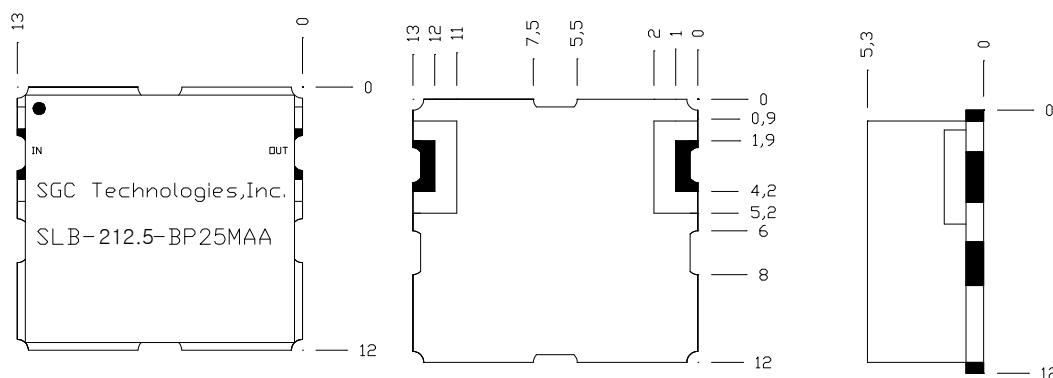
**PART NO: SLB-212.5-BP25MAA**

Cut-off frequency	212.5MHz
Bandwidth(BW)	25MHz
Insertion Loss	3.0 dB max.
VSWR in BW	1.4 max.
Ripple in BW	1.0 dB max.
Attenuation	50dB min. @ 624MHz
In/Out Impedance	50 ohm

**NOTE:**

EQUIPMENT used :HP 8753E

**DIMENSION:**



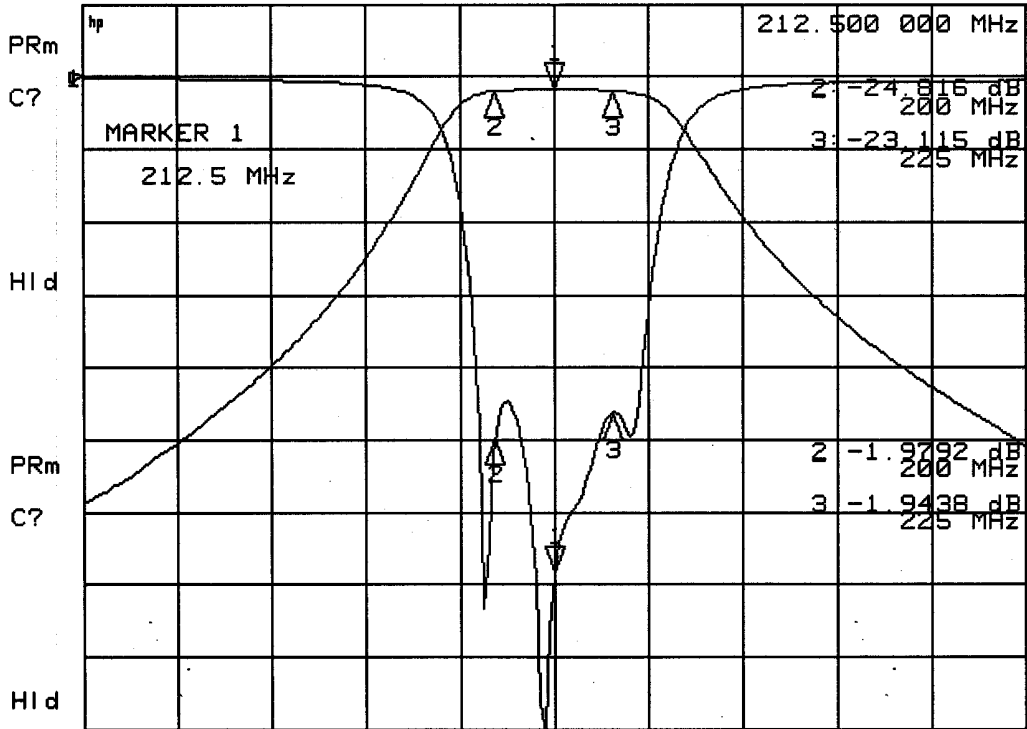
UNIT : mm

TOLERANC UNLESS SPECIFIED : +/- 0.3

# SLB-212.5-BP25MAA

3 May 2004 20:00:33

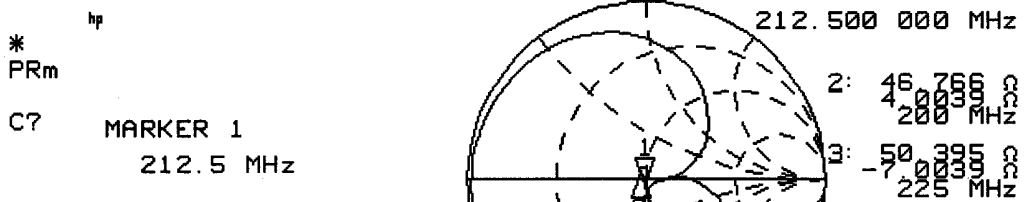
CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 1: -34.153 dB  
 CH2 S<sub>21</sub> log MAG 10 dB/ REF 0 dB 1: -1.7061 dB



START 112.500 000 MHz STOP 312.500 000 MHz

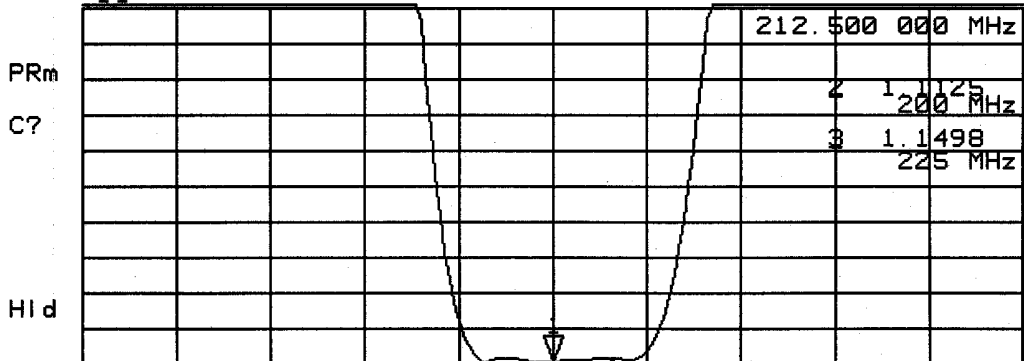
3 May 2004 20:02:19

CH1 S<sub>11</sub> 1 U FS 1: 49.795 Ω -3.0137 Ω 248.52 pF



HI d

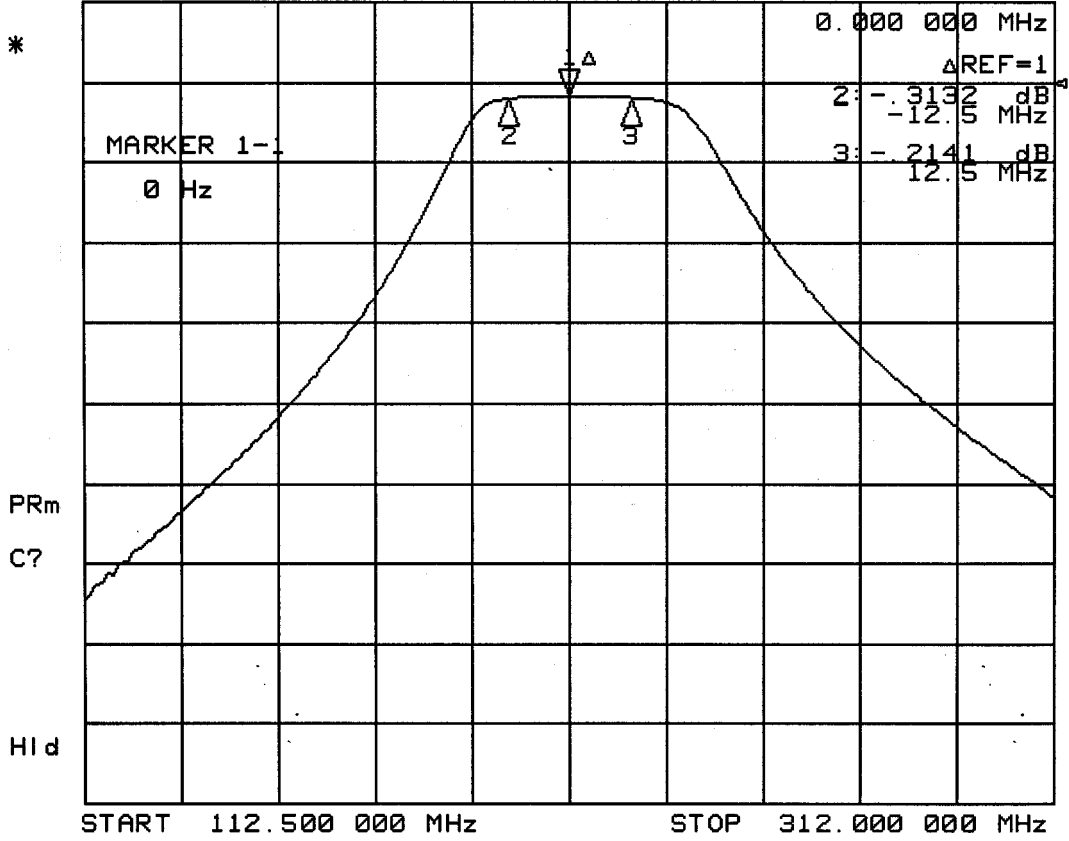
CH2 S<sub>11</sub> SWR 1 / REF 1 1 1.0624



START 112.500 000 MHz STOP 312.500 000 MHz

3 May 2004 20:06:51

CH2 S21 log MAG 10 dB/ REF 0 dB 1: 0 dB



3 May 2004 20:08:02

CH2 S21 log MAG 10 dB/ REF 0 dB 1: -1.6188 dB

