

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-6R6 TYPE

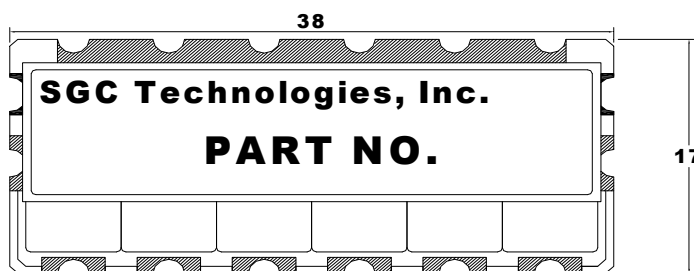
PART NO: SBP-6R6-800BP42B

Center frequency	800MHz
Pole	6
Bandwidth(BW)	Fo ±21 MHz
Insertion Loss	3.0 dB MAX
VSWR in BW	1.5 MIN
Ripple in BW	0.5 dB MAX
Attenuation	50dB MIN at 730 MHz 50dB MIN at 870 MHz
In/Out Impedance	50 ohm

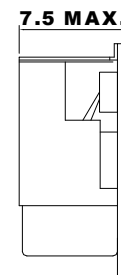
**NOTE:**

EQUIPMENT used :HP 8753E

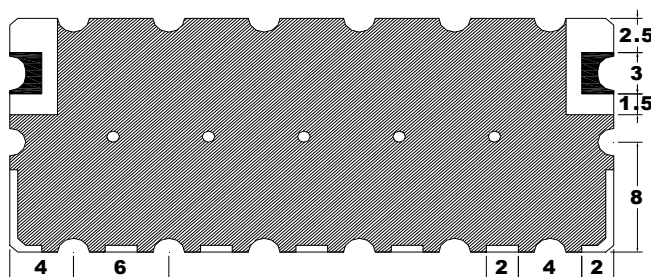
**TOP VIEW**



**SIDE VIEW**



**BOTTOM VIEW**

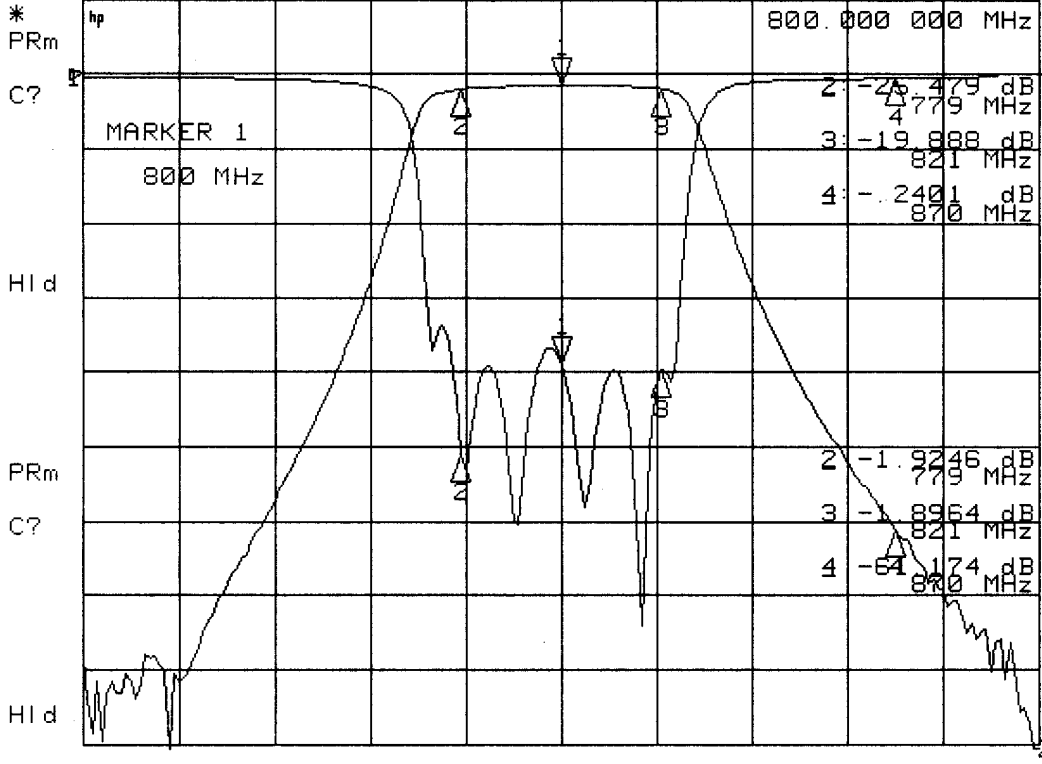


**TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3  
DIMENSIONS : mm**

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

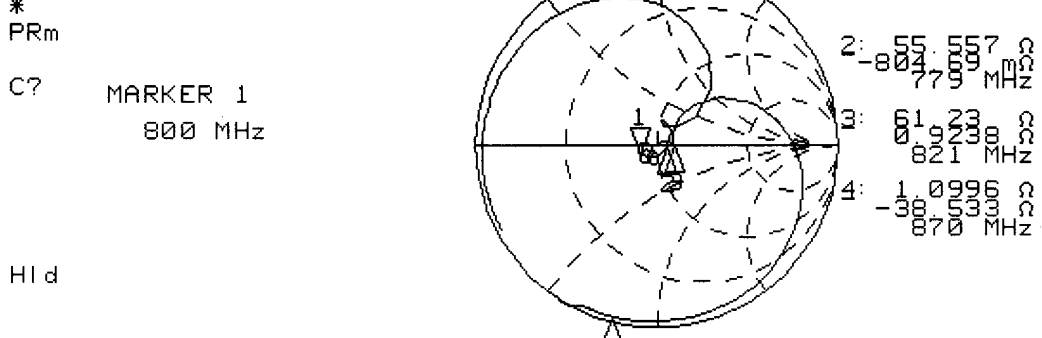
SBP-6R6-800BP42B

CH1 S<sub>11</sub> log MAG 5 dB/ REF 0 dB 1: -19.43 dB  
 CH2 S<sub>21</sub> log MAG 10 dB/ REF 0 dB 1: -1.4417 dB



CENTER 800.000 000 MHz SPAN 200.000 000 MHz

CH1 S<sub>11</sub> 1 U FS 1: 41.279 Ω -4.3848 Ω 45.372 pF  
 hp 800.000 000 MHz



CH2 S<sub>11</sub> SWR 1 / REF 1 1 1.2391



CENTER 800.000 000 MHz SPAN 200.000 000 MHz