

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SBP-3R6 TYPE**

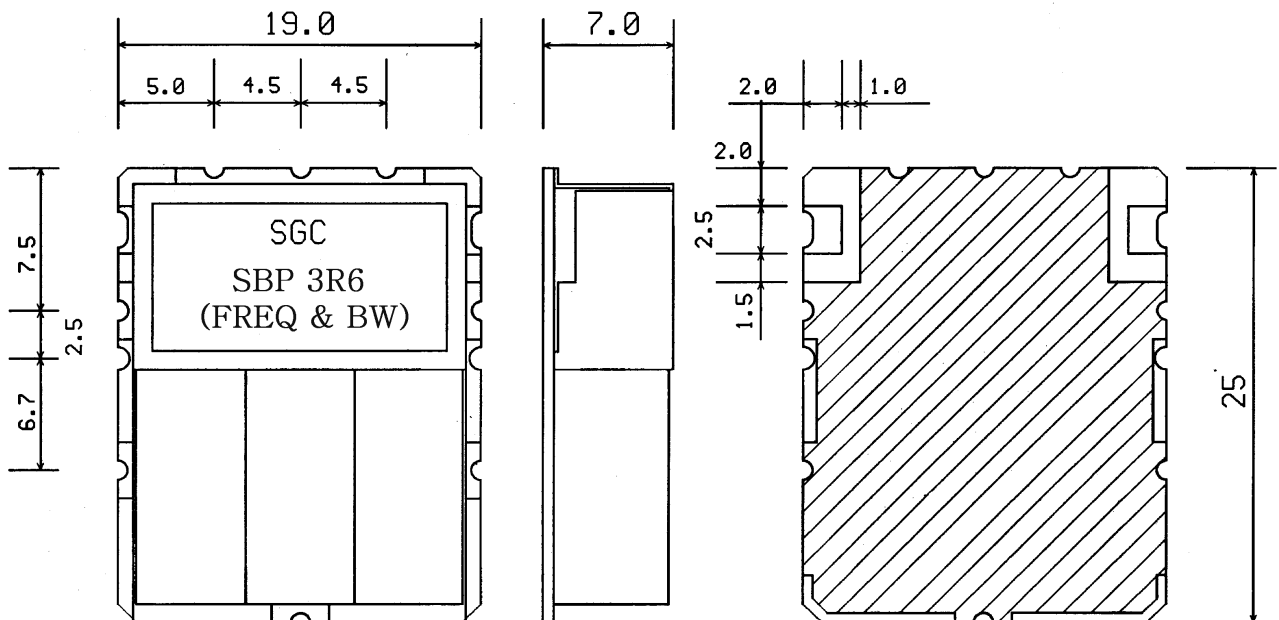
**PART NO: SBP-3R6-475BP10M**

Center frequency	475MHz
Pole	3
Bandwidth(BW)	Fo ± 5MHz
Insertion Loss in BW	1.5 dB max
V.S.W.R	1.5 max
Ripple in BW	0.5 dB max
Attenuation	
In/Out Impedance	50 ohm

**NOTE:**

**EQUIPMENT used :HP 8753E**

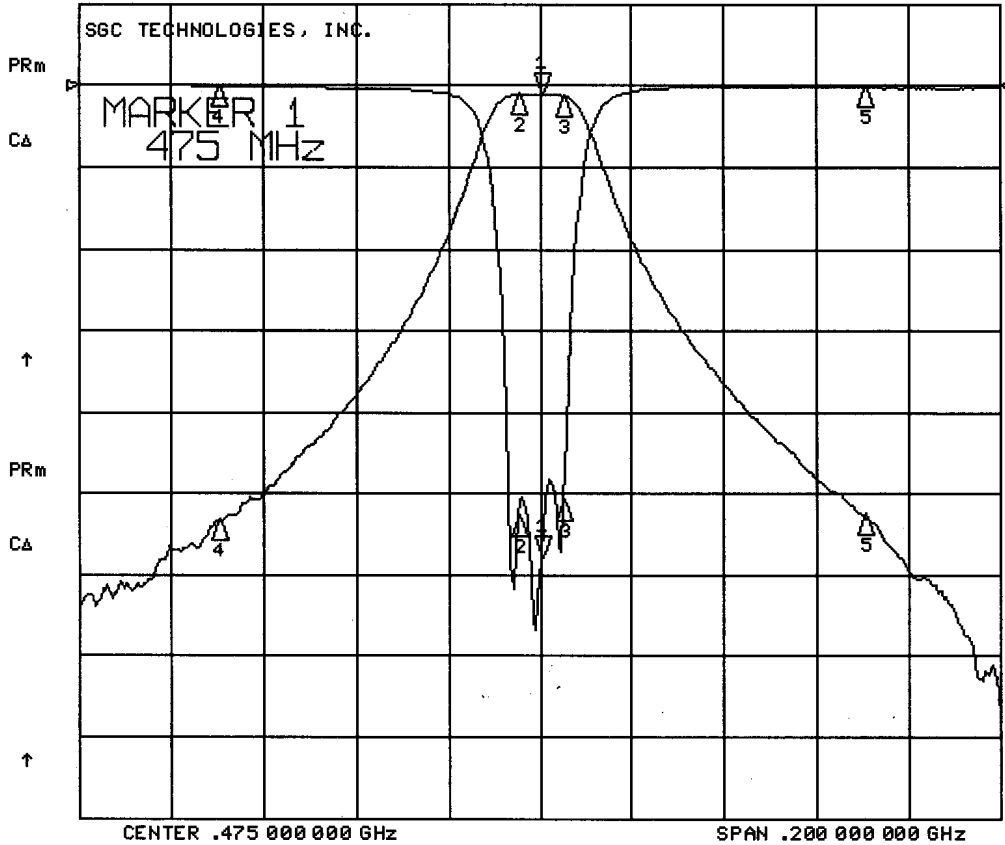
**DIMENSION:**



Tolerance Unless Specified : +/- 0.3  
Unit : mm

# SBP-3R6-475BP10M

**CH1** S11 LOG 5 dB/REF 0 dB 1:-28.918 dB .475 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 1:-1.0360 dB



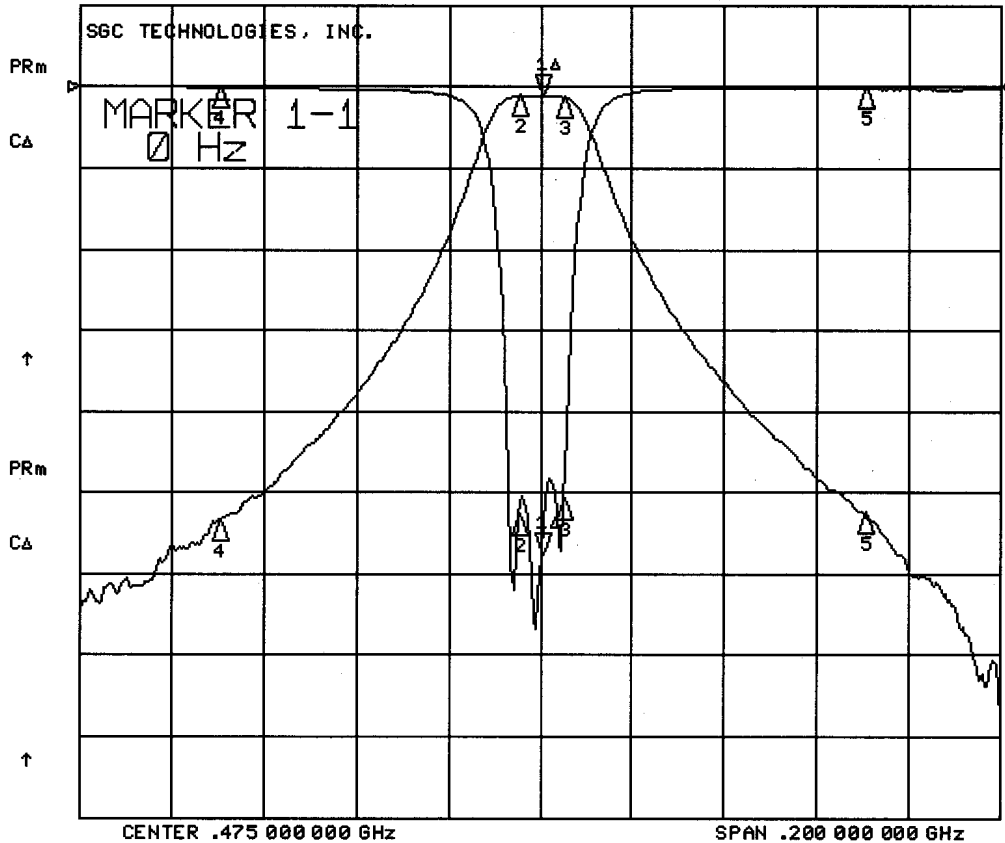
**CH1 Markers**

- 2:-26.375 dB  
470.000 MHz
- 3:-25.430 dB  
480.000 MHz
- 4:-.03900 dB  
405.000 MHz
- 5:-1.0300 dB  
545.000 MHz

**CH2 Markers**

- 2:-1.1140 dB  
470.000 MHz
- 3:-1.2110 dB  
480.000 MHz
- 4:-53.405 dB  
405.000 MHz
- 5:-52.714 dB  
545.000 MHz

**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: 2.3970 dB  
-5.00000 MHz
- 3: 3.4490 dB  
5.00000 MHz
- 4: 28.808 dB  
-70.00000 MHz
- 5: 28.747 dB  
70.00000 MHz

**CH2 Markers**

- 2:-.08300 dB  
-5.00000 MHz
- 3:-1.8700 dB  
5.00000 MHz
- 4:-52.470 dB  
-70.00000 MHz
- 5:-51.669 dB  
70.00000 MHz