

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SBH-6R6 TYPE**

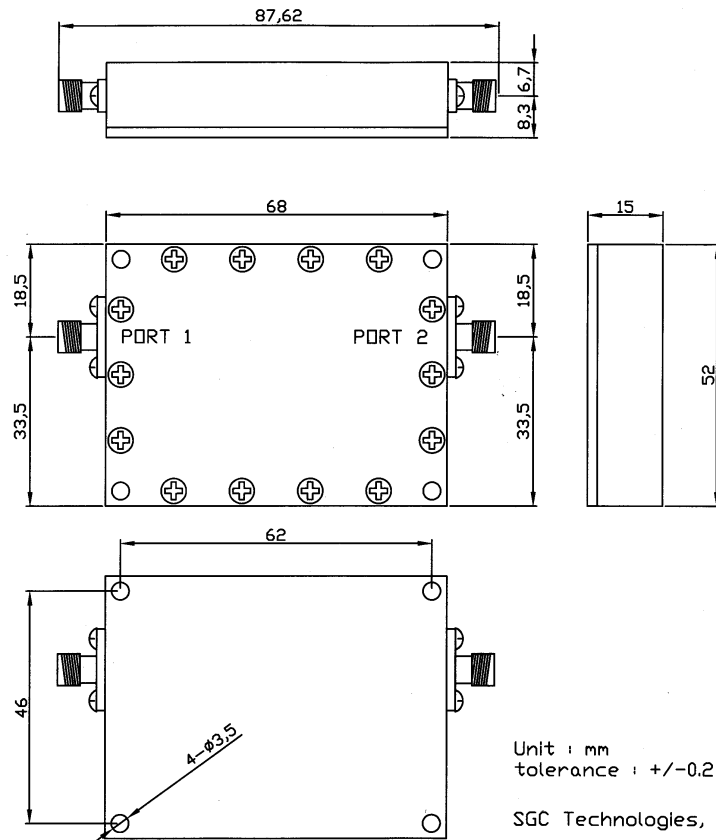
**PART NO: SBH-6R6-479BP18C**

Center frequency	479MHz
Pole	6
Bandwidth(BW)	$F_o \pm 9$ MHz
Insertion Loss	5.0 dB max
VSWR in BW	1.3 max
Ripple in BW	1.0 dB max
Attenuation	40dBc min at $F_o \pm 22.5$ MHz
	55dBc min at $F_o \pm 36$ MHz
In/Out Impedance	50 ohm

**NOTE:**

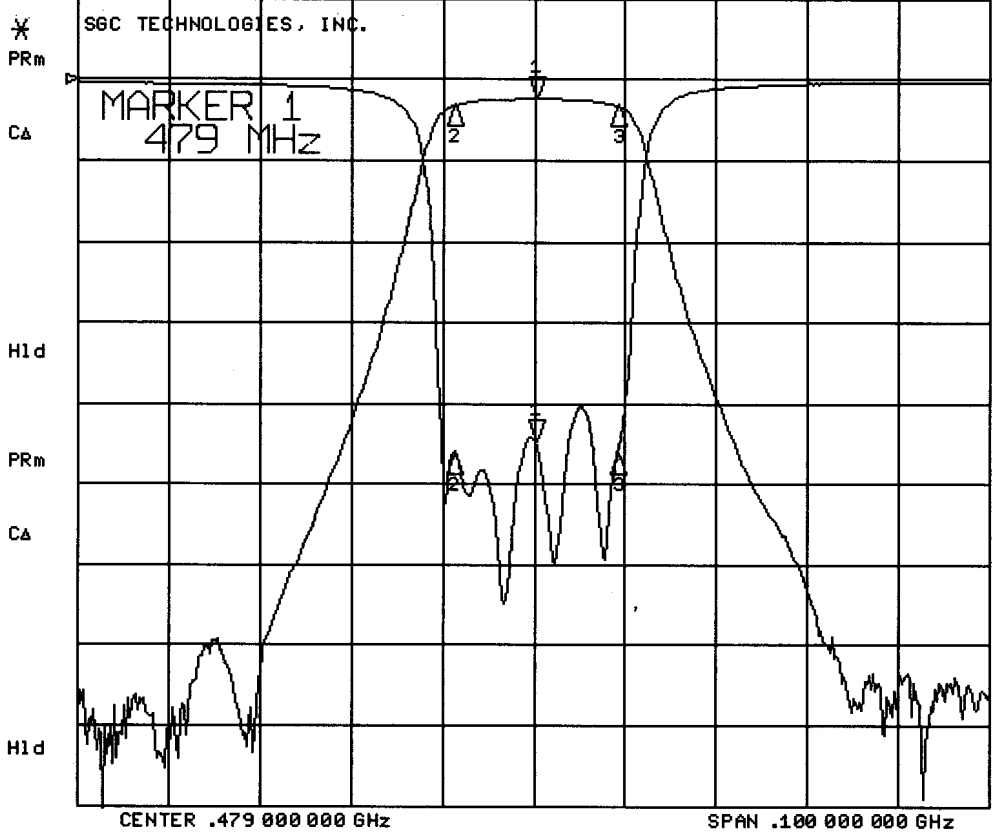
EQUIPMENT used :HP 8753E

**DIMENSION:**



# SBH-6R6-479BP18C

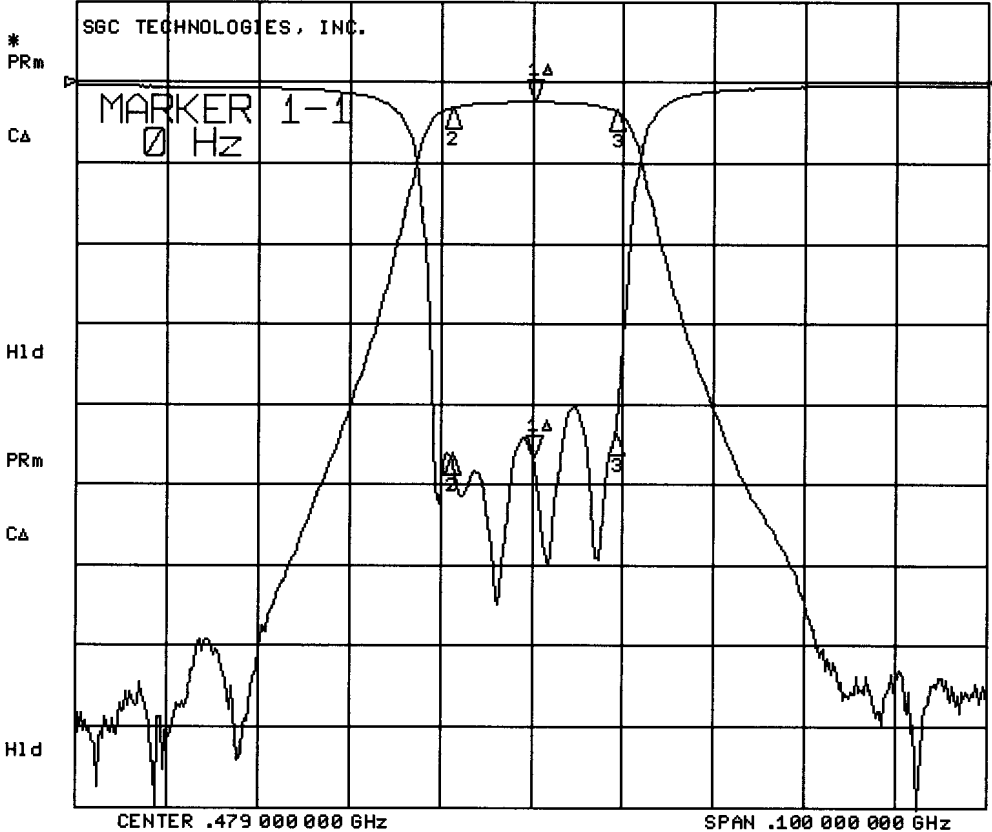
**CH1** S11 LOG 5 dB/REF 0 dB 1:-22.347 dB .479 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 1:-2.3710 dB



**CH1 Markers**  
 2:-23.139 dB  
 470.000 MHz  
 3:-23.153 dB  
 488.000 MHz

**CH2 Markers**  
 2:-3.3360 dB  
 470.000 MHz  
 3:-3.2510 dB  
 488.000 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: .03100 dB  
 -9.00000 MHz  
 3: 1.2320 dB  
 9.00000 MHz

**CH2 Markers**  
 2:-.79800 dB  
 -9.00000 MHz  
 3:-1.1030 dB  
 9.00000 MHz

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