

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

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

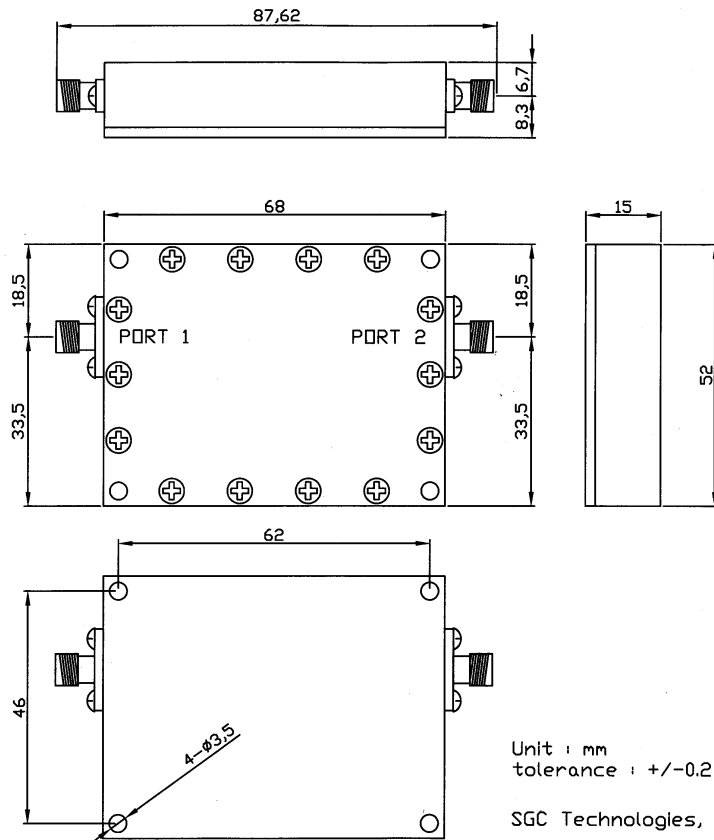
**PART NO: SBH-6R6-455BP10C**

Center frequency	455MHz
Pole	6
Bandwidth(BW)	Fo ±5 MHz
Insertion Loss	5.0 dB max
VSWR in BW	1.3 max
Ripple in BW	1.0 dB max
Attenuation	50dBc min at Fo ± 22.5 MHz
	55dBc min at Fo ± 40 MHz
In/Out Impedance	50 ohm

**NOTE:**

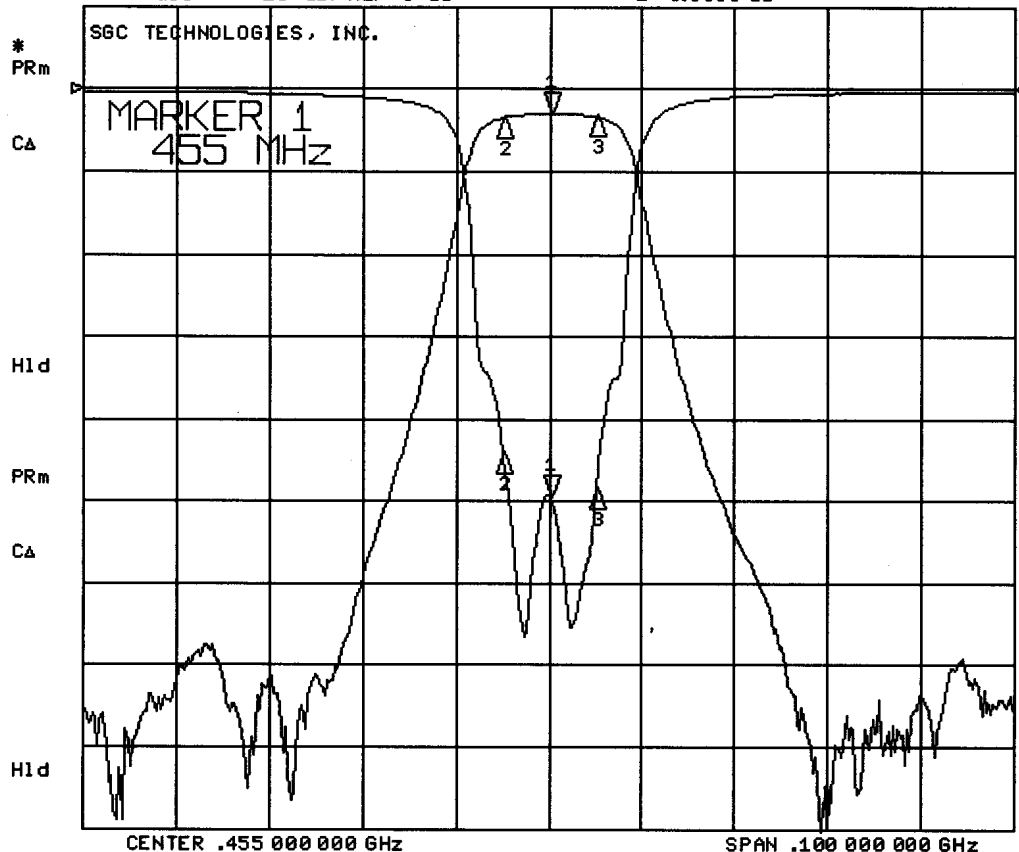
EQUIPMENT used :HP 8753E

**DIMENSION:**



# SBH-6R6-455BP10C

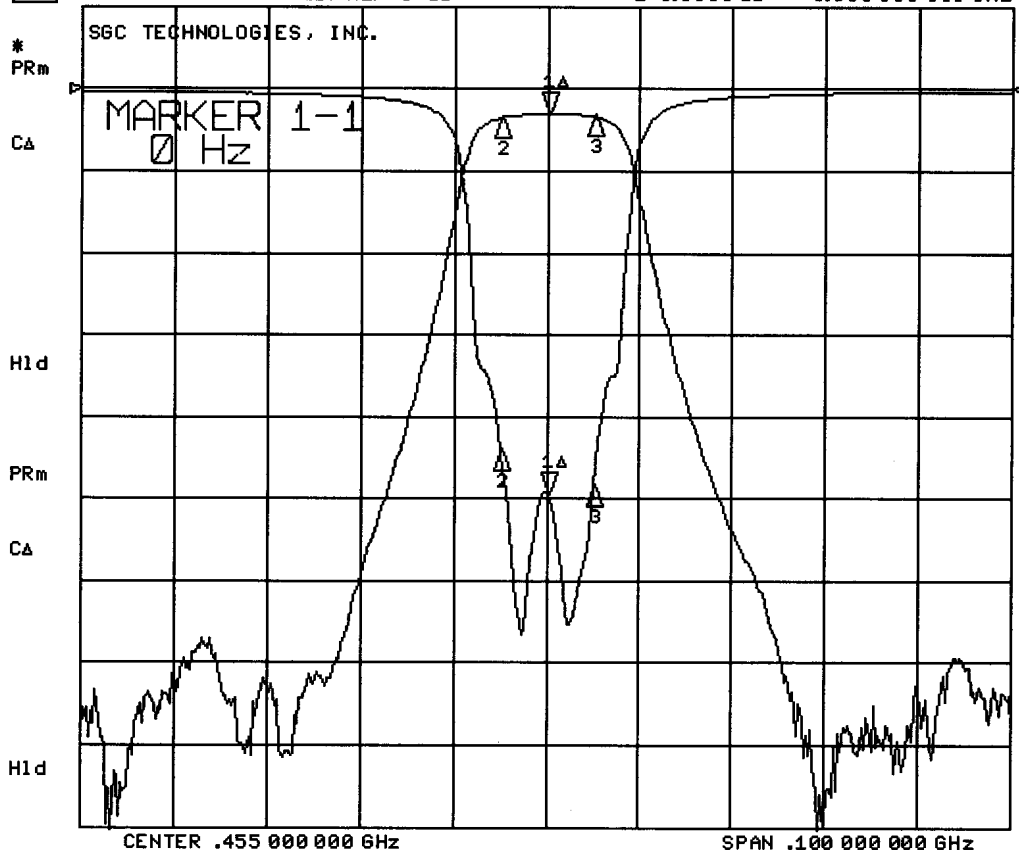
**CH1** S11 LOG 5 dB/REF 0 dB 1:-24.693 dB .455 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 1:-3.0000 dB



**CH1 Markers**  
 2:-22.067 dB  
 450.000 MHz  
 3:-24.275 dB  
 460.000 MHz

**CH2 Markers**  
 2:-3.5370 dB  
 450.000 MHz  
 3:-3.3820 dB  
 460.000 MHz

**CH1** S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB  
**CH2** S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



**CH1 Markers**  
 2: 2.5890 dB  
 -5.00000 MHz  
 3: .41000 dB  
 5.00000 MHz

**CH2 Markers**  
 ΔREF=1  
 2:-.51900 dB  
 -5.00000 MHz  
 3:-.38000 dB  
 5.00000 MHz

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