

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

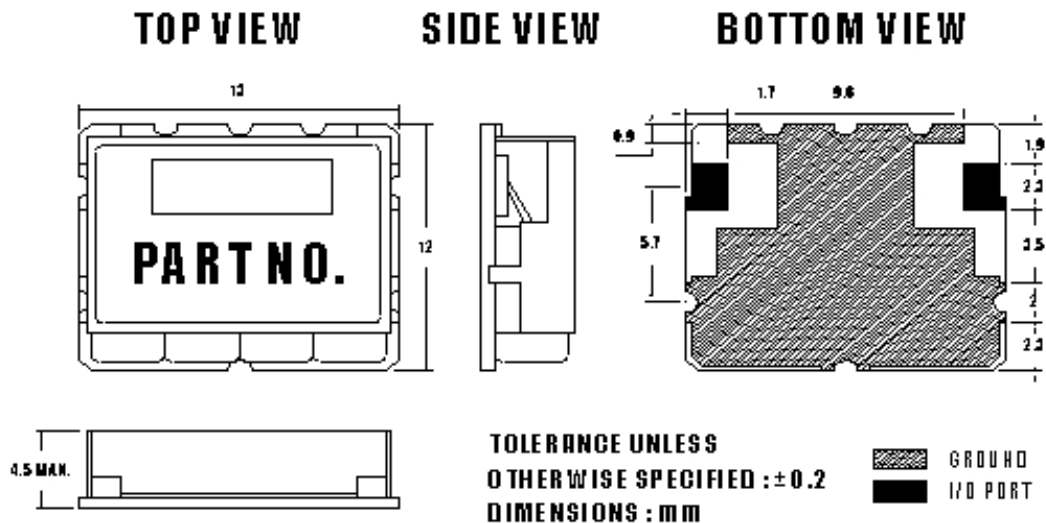
**PRODUCT NAME: SBP - TYPE**

**PART NO: SBP-4R3-1120BP8C**

ITEM	SPECIFICATIONS	
CENTER FREQUENCY	1120MHz	
PASS BAND WIDTH	Fo ±4 MHz	
INSERTION LOSS	3.5 dB max	
RIPPLE	1dB max	
RETURN LOSS	15dB min	
ATTENUATION	Freq.	ATT.
	@ 1260 MHz	55dB min
	@ 2GHz	55dB min
INPUT/OUTPUT IMPEDANCE	50Ω	

**NOTE: EQUIPMENT used :HP 8753E**

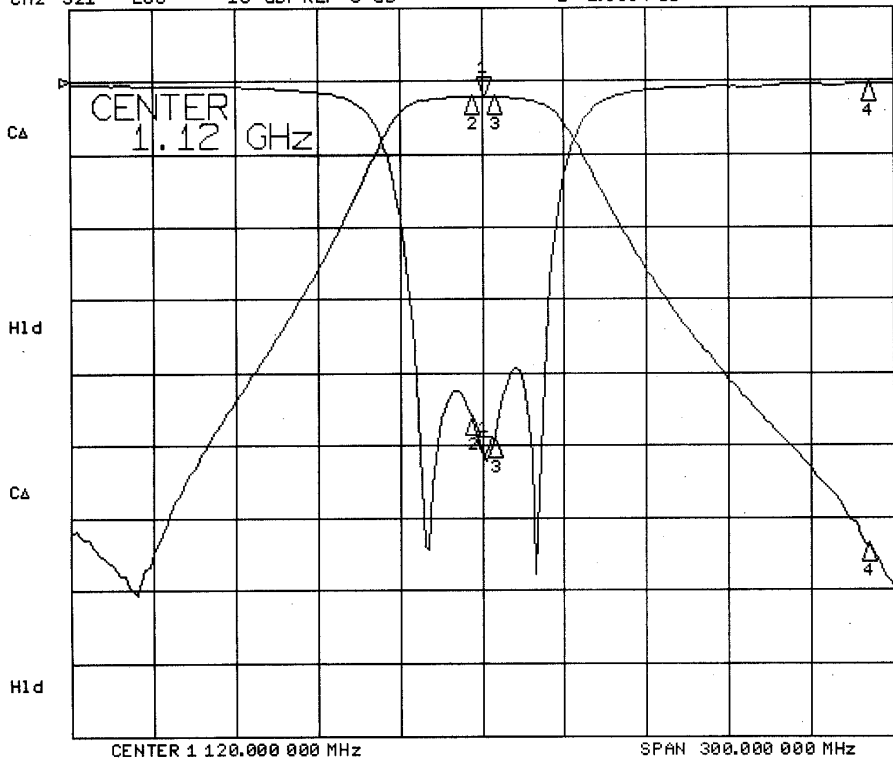
**DIMENSION:**



**SBP-4R3-1120BP8C**

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CH1 S11 LOG 5 dB/REF 0 dB 1:-25.736 dB 1 120.000 000 MHz  
 CH2 S21 LOG 10 dB/REF 0 dB 1:-2.0694 dB

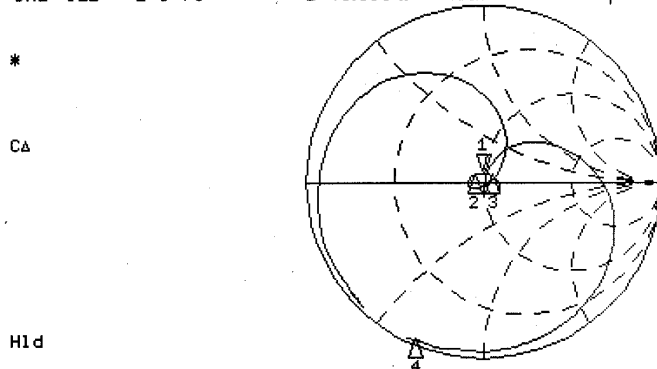


CH1 Markers  
 2:-23.073 dB  
 1.11500 GHz  
 3:-24.522 dB  
 1.12400 GHz  
 4:-21.470 dB  
 1.26003 GHz

CH2 Markers  
 2:-2.0700 dB  
 1.11500 GHz  
 3:-2.1000 dB  
 1.12400 GHz  
 4:-53.650 dB  
 1.26003 GHz

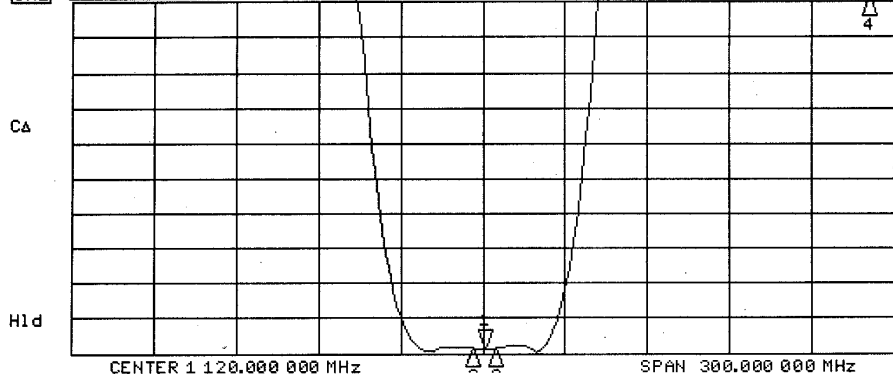
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CH1 S11 1 U FS 1: 48.639  $\Omega$  4.9199  $\Omega$  699.13 pF 1 120.000 000 MHz



CH1 Markers  
 2: 44.271  $\Omega$   
 3.2656  $\Omega$   
 1.11500 GHz  
 3: 54.602  $\Omega$   
 3.9492  $\Omega$   
 1.12400 GHz  
 4: 0.8828  $\Omega$   
 -32.715  $\Omega$   
 1.26003 GHz

CH2 S11 SWR 1 / REF 1 1: 1.1089 1 120.000 000 MHz



CH2 Markers  
 2: 1.1512  
 1.11500 GHz  
 3: 1.1251  
 1.12400 GHz  
 4: 80.925  
 1.26003 GHz