

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**CUSTOMER :**

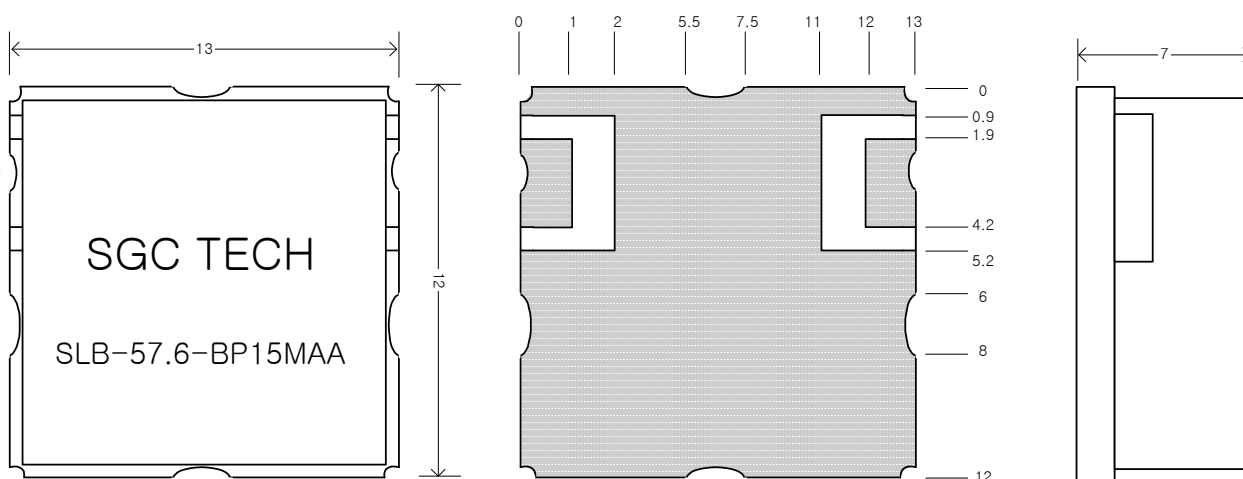
**PRODUCT NAME : BPF TYPE**

**PART NO : SLB-57.6-BP15MAA**

ITEM	SPEC.
<b>Cutoff frequency</b>	57.6 MHz
<b>1dB Bandwidth</b>	15 MHz min.
<b>Insertion loss</b>	5.0 dB max
<b>Ripple</b>	1.0 dB max
<b>V.S.W.R.</b>	1.5 : 1
<b>Attenuation</b>	25dB min. @ 19.2 MHz 25dB min.@ 96 MHz
<b>In/Out Impedence</b>	50 ohm

**NOTE : EQUIPMENT used HP 8753E**

### DIMENSION



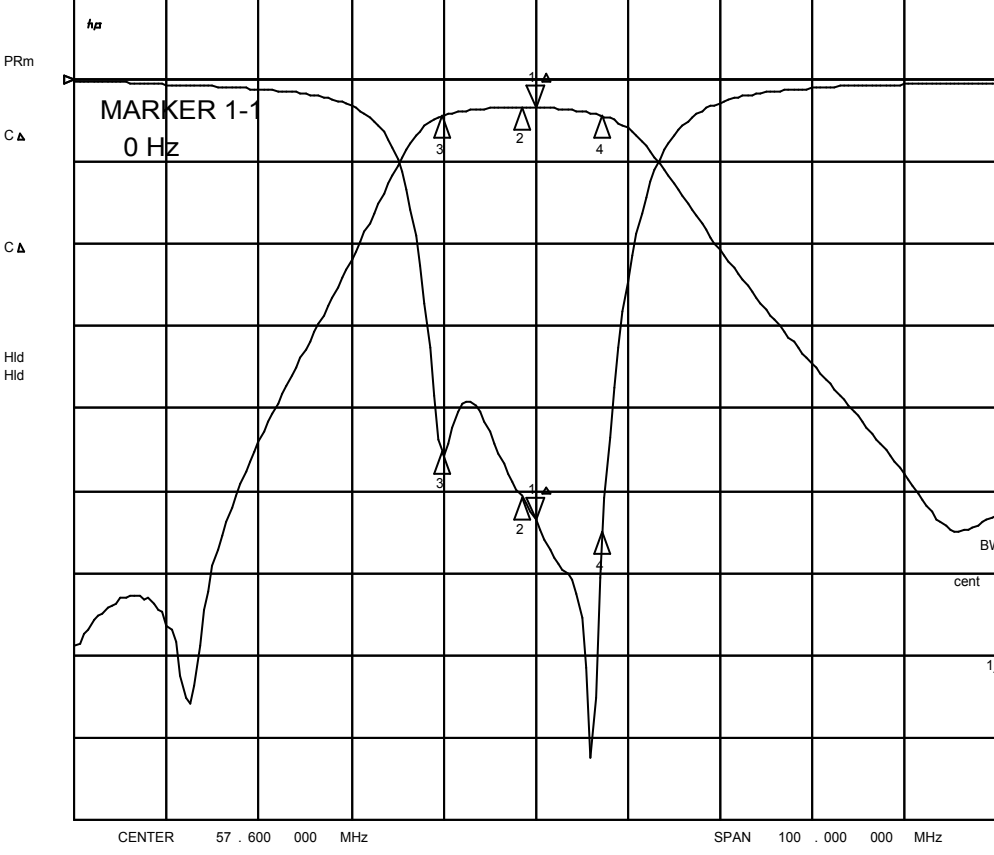
TOLERANCES UNLESS  
OTHERWISE SPECIFIED ; +/-0.3  
UNIT: mm

# SLB-57.6-BP15MAA

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CH1  
CH3

S11 LOG 5 dB/ REF 0 dB 1: 0.0000 dB  
S21 LOG 10 dB/ REF 0 dB 1: 0.0000 dB 0.000 000 MHz



CH1 Markers

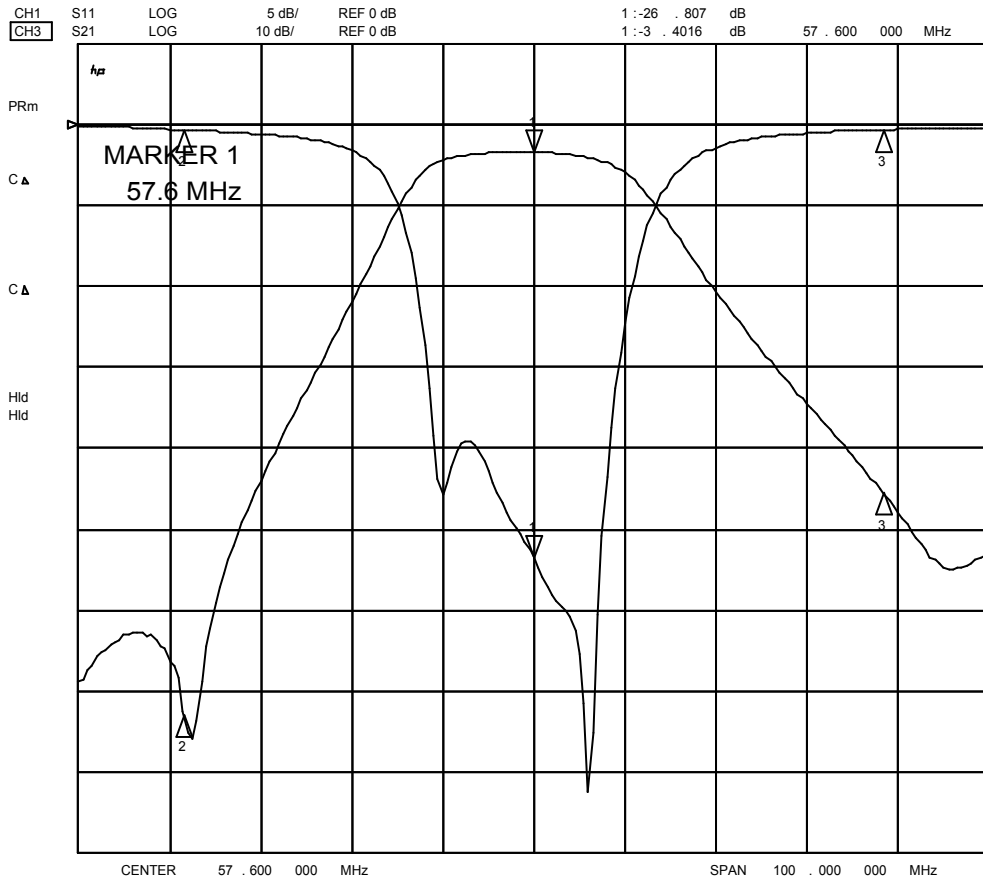
2	1.3942	dB
-1	.42588	MHz
3	4.2019	dB
-10	.1348	MHz
4	-.71010	dB
	7.28310	MHz

CH3 Markers  
▲ REF=1

BW:	17.417982	MHz
cent	: 56.174112	MHz
Q:	3.2251	
loss	: -3.4016	dB

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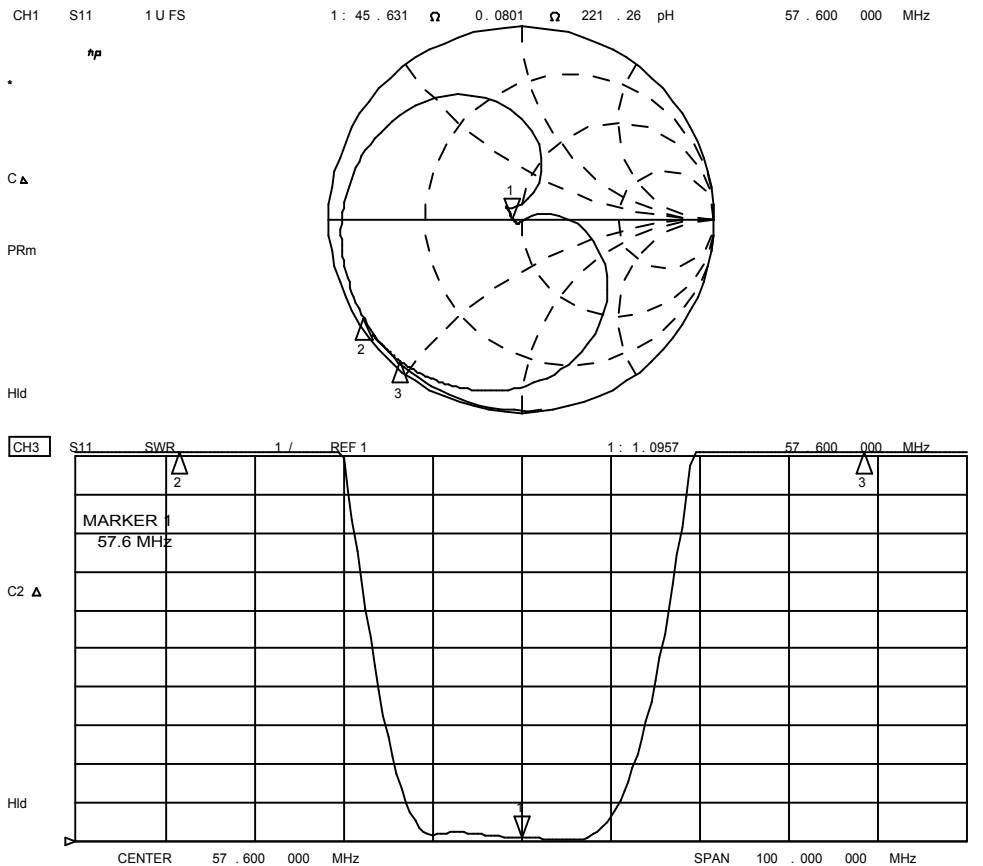
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CH1 Markers  
 2: -31800 dB  
 19.2000 MHz  
 3: -29580 dB  
 96.0000 MHz

CH3 Markers  
 2: -72.993 dB  
 19.2000 MHz  
 3: -45.603 dB  
 96.0000 MHz

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CH1 Markers  
 2: 991.70 mΩ  
 -14.345 Ω  
 19.2000 MHz  
 3: 1.0313 Ω  
 -22.968 Ω  
 96.0000 MHz

CH3 Markers  
 2: 54.632  
 19.2000 MHz  
 3: 58.730  
 96.0000 MHz