

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

CUSTOMER :

PRODUCT NAME : BPF TYPE

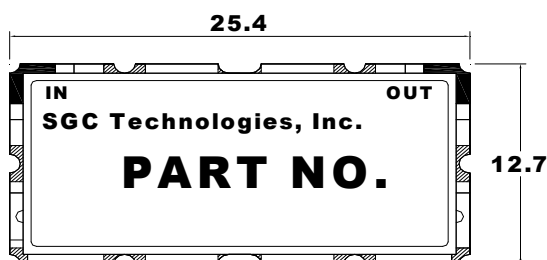
PART NO : SLB-140-BP25MD

ITEM	SPEC.
Center frequency(Fo)	140MHz
Bandwidth	25 MHz
0.5dB Bandwidth	30MHz~35MHz
1.0dB Bandwidth	36MHz~42MHz
30dB Bandwidth	64MHz~110MHz
Insertion loss	3 dB max.
In Band Flatness	0.5dB max.
Group Delay	5nS max.
V.S.W.R.	1.3 : 1 max.
Out of Band Rejection	60 dB min @ Fo ± 100 MHz
In/Out Impedance	50 ohm

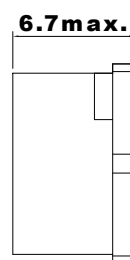
NOTE : EQUIPMENT used HP 8753E

### DIMENSION

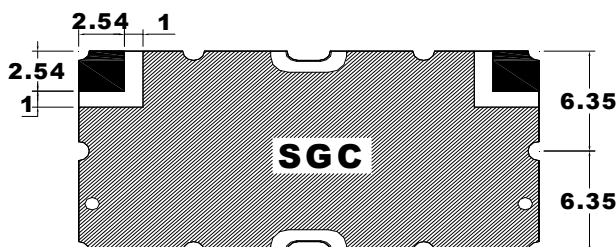
#### TOP VIEW



#### SIDE VIEW



#### BOTTOM VIEW

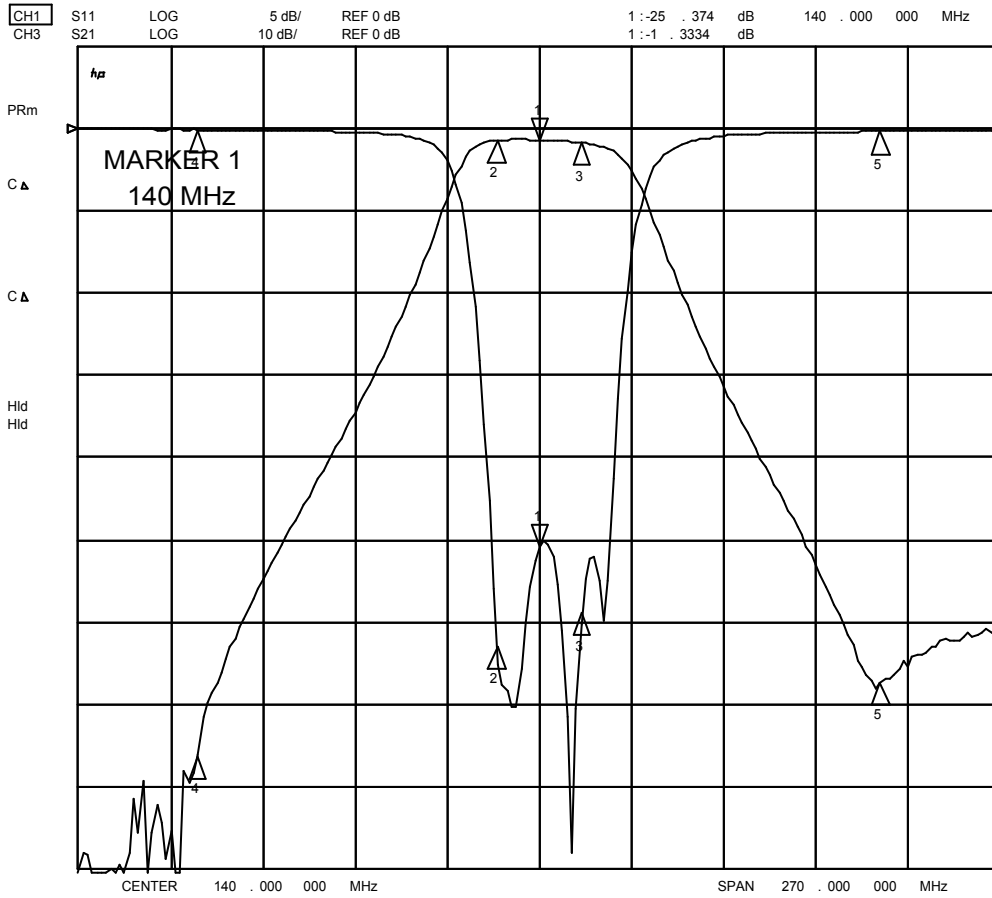


TOLERANCE UNLESS  
OTHERWISE SPECIFIED : ±0.3  
DIMENSIONS : mm

 GROUND  
 I/O PORT

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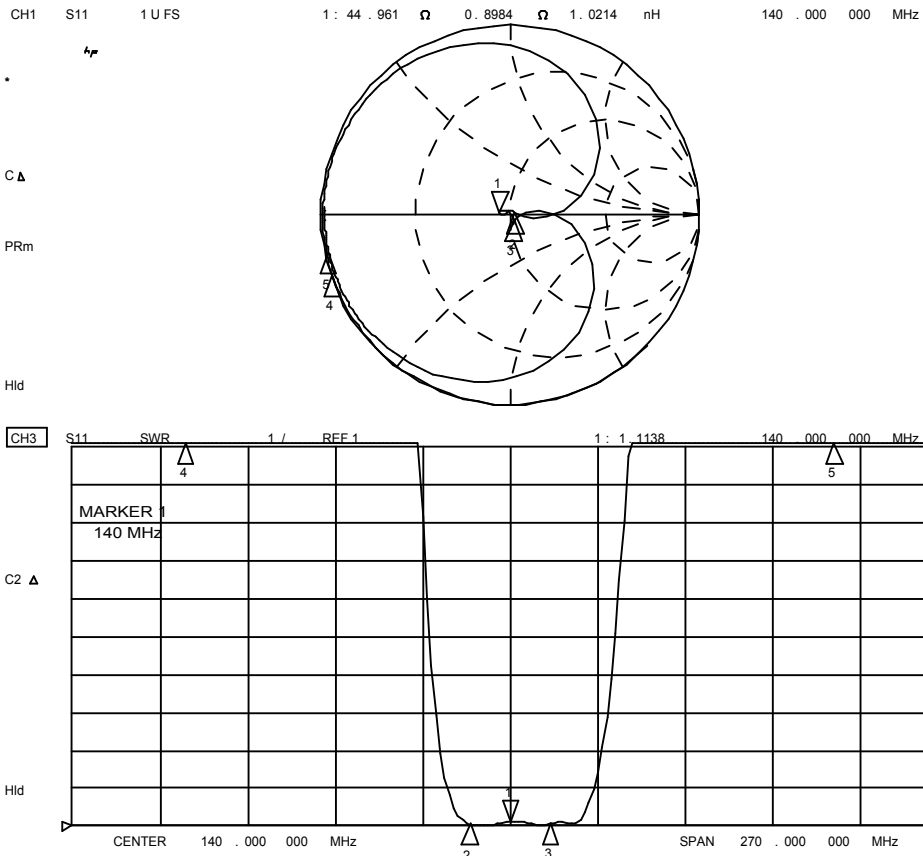
CH1 Markers

2	-31 . 426	dB
127	. 500	MHz
3	-29 . 441	dB
152	. 500	MHz
4	- . 05710	dB
40	. 0000	MHz
5	- . 16630	dB
240	. 000	MHz

CH3 Markers

2	-1 . 3667	dB
127	. 500	MHz
3	-1 . 7218	dB
152	. 500	MHz
4	-76 . 330	dB
40	. 0000	MHz
5	-67 . 334	dB
240	. 000	MHz

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CH1 Markers

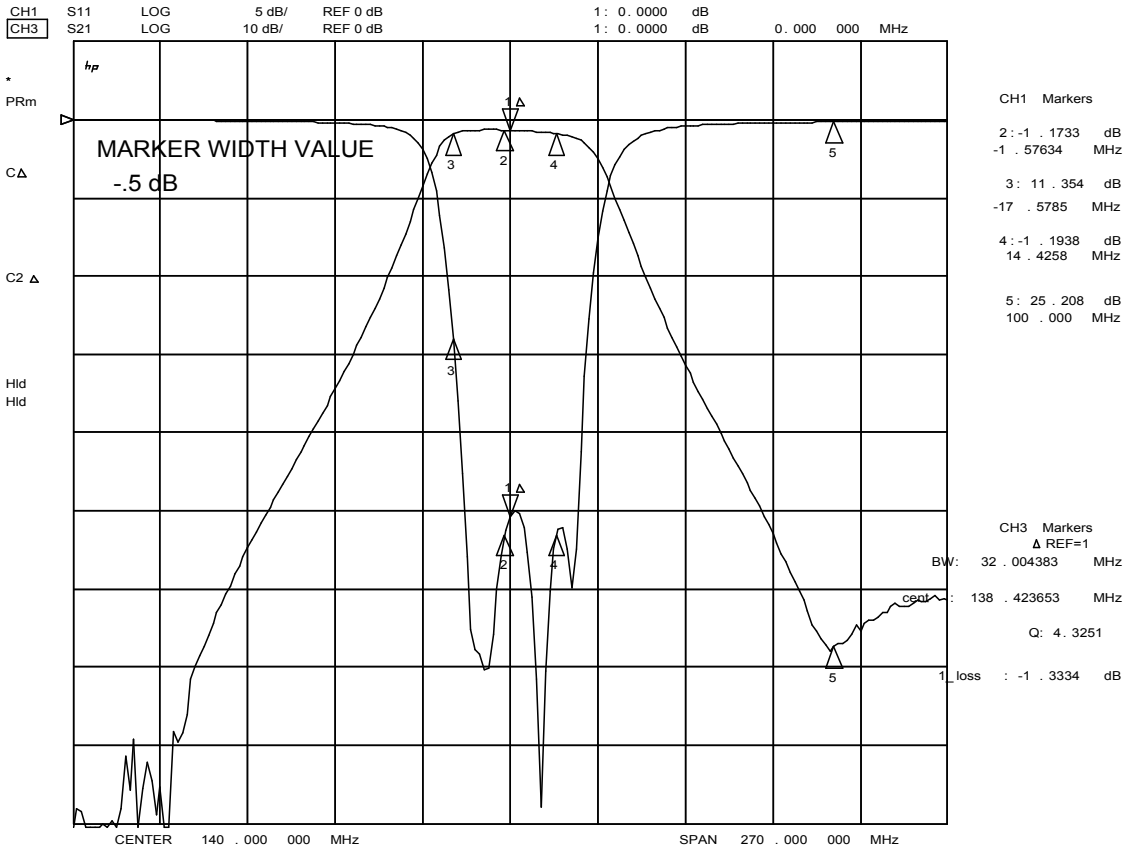
2	52 . 572	Ω
0	. 9648	Ω
127	. 500	MHz
3	51 . 742	Ω
-2	. 9824	Ω
152	. 500	MHz
4	168 . 46	mΩ
-8	. 2500	Ω
40	. 0000	MHz
5	484 . 38	mΩ
-5	. 1924	Ω
240	. 000	MHz

CH3 Markers

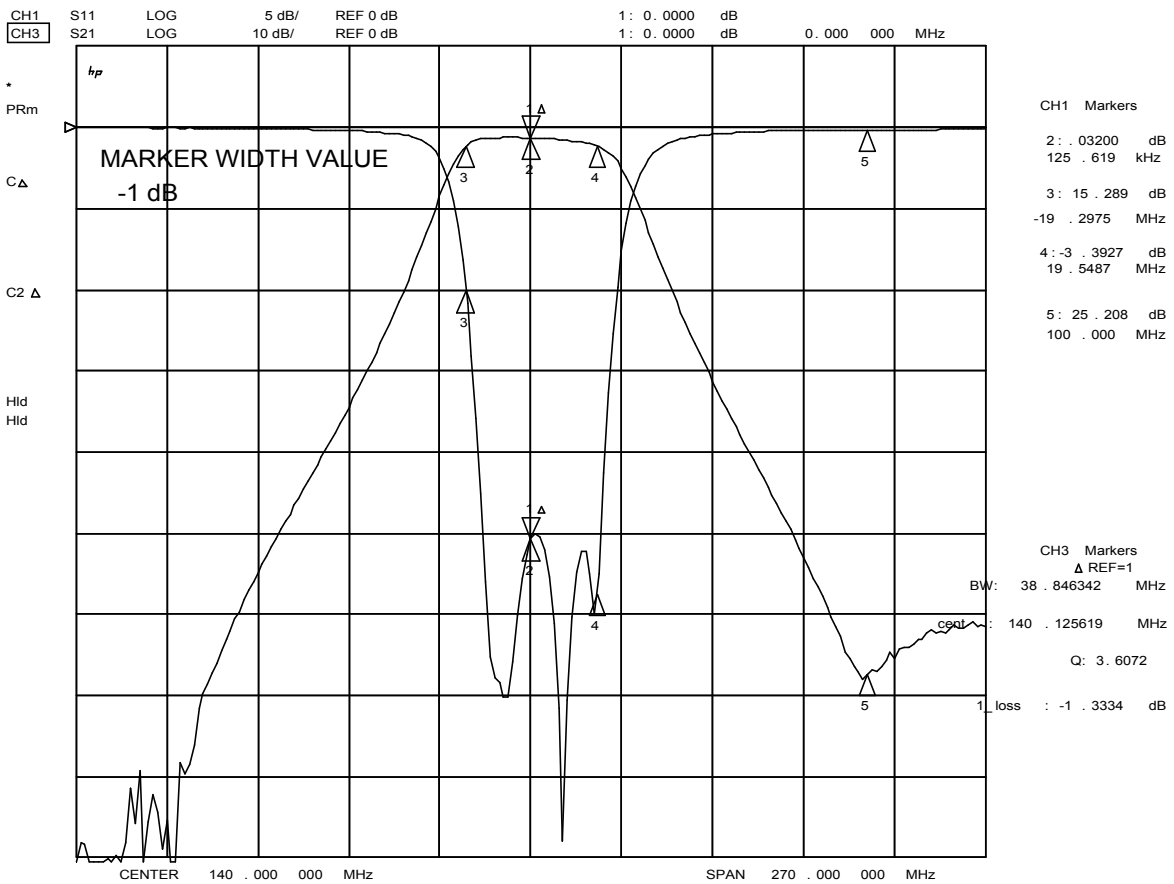
2	1 . 0570	Ω
127	. 500	MHz
3	1 . 0706	Ω
152	. 500	MHz
4	305 . 83	Ω
40	. 0000	MHz
5	104 . 48	Ω
240	. 000	MHz

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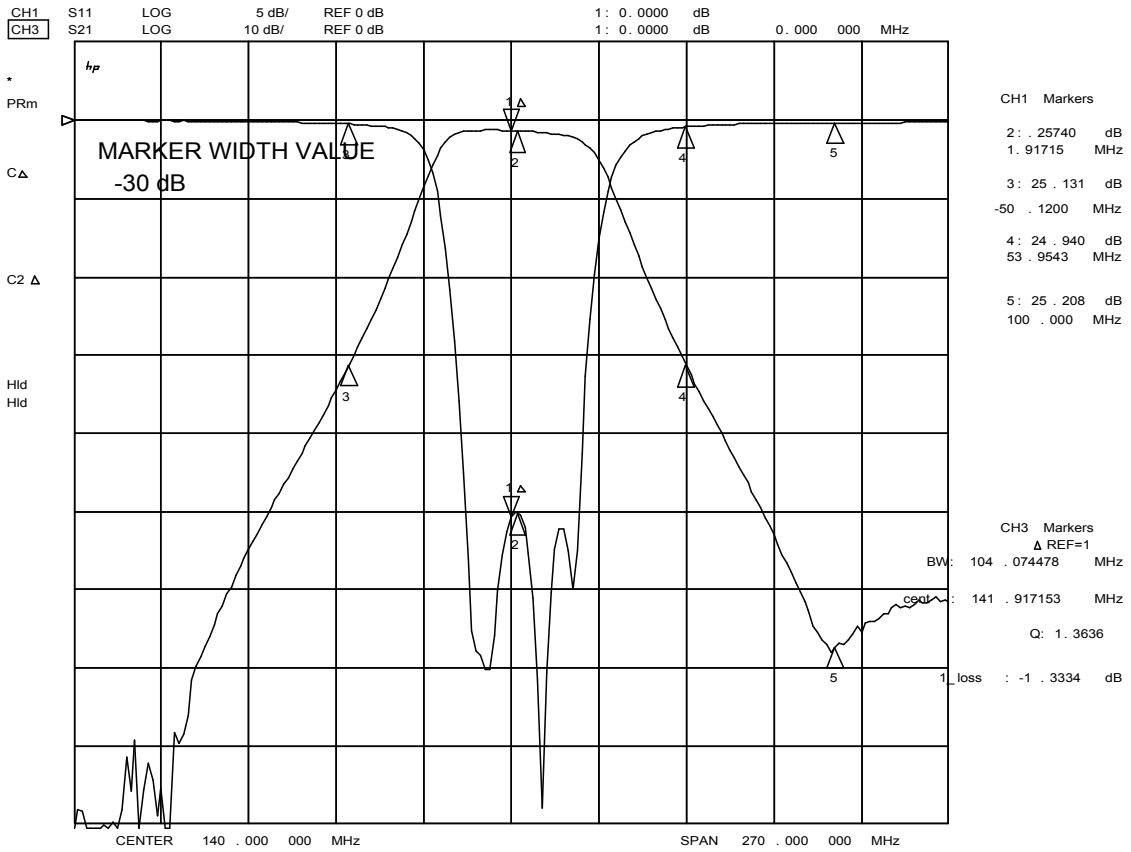


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SLB-140-BP25MD(Group Delay)

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