

# SGC Technology, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

CUSTOMER :

PRODUCT NAME : BPF TYPE

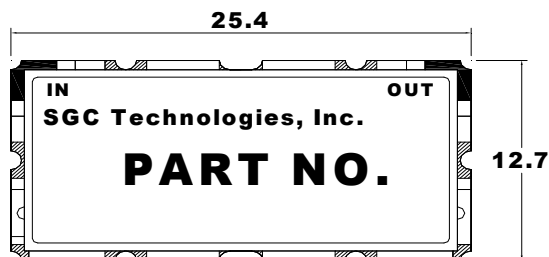
PART NO : SLB-465-BP10MD

ITEM	SPEC.
Cutoff frequency	465 MHz
Bandwidth	10 MHz
1 dB bandwidth	16 MHz min.
Insertion loss	6.0 dB max
Ripple	0.5 dB max
V.S.W.R.	1.4 : 1
Attenuation	35dB @ Fc ± 50 MHz
In/Out Impedance	50 ohm

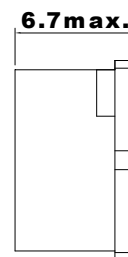
NOTE : EQUIPMENT used HP 8753E

DIMENSION

### TOP VIEW



### SIDE VIEW



### BOTTOM VIEW

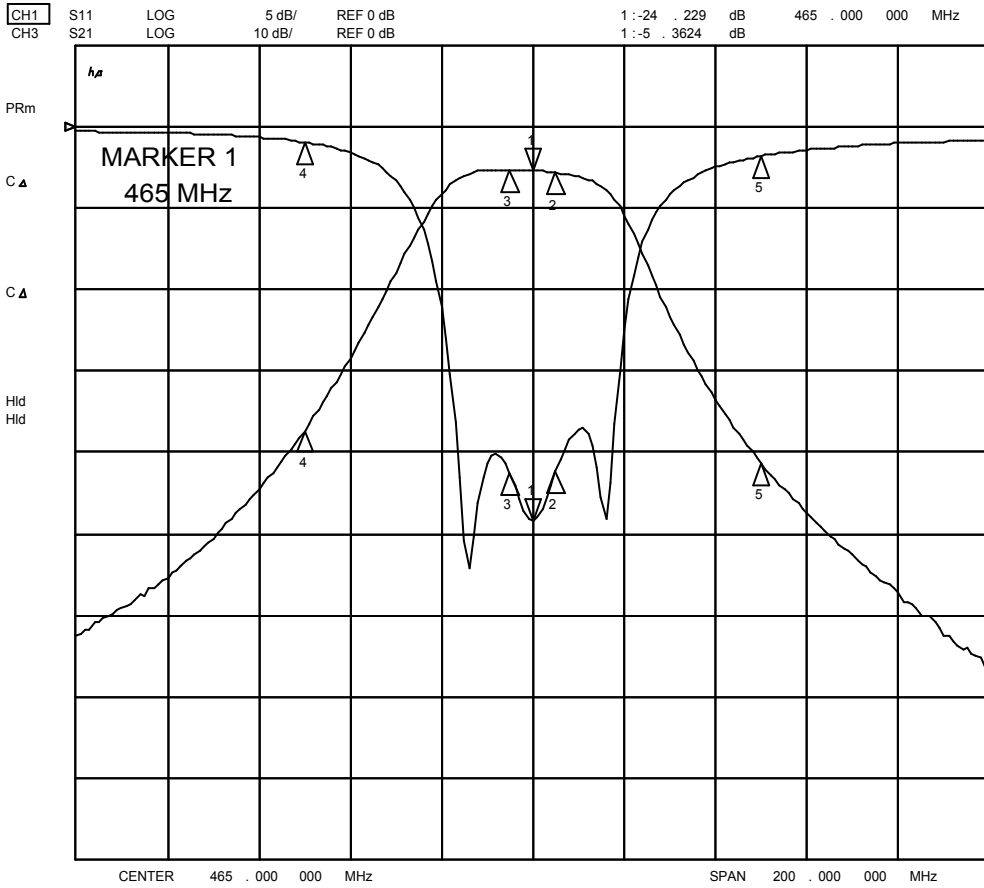


TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3  
DIMENSIONS : mm

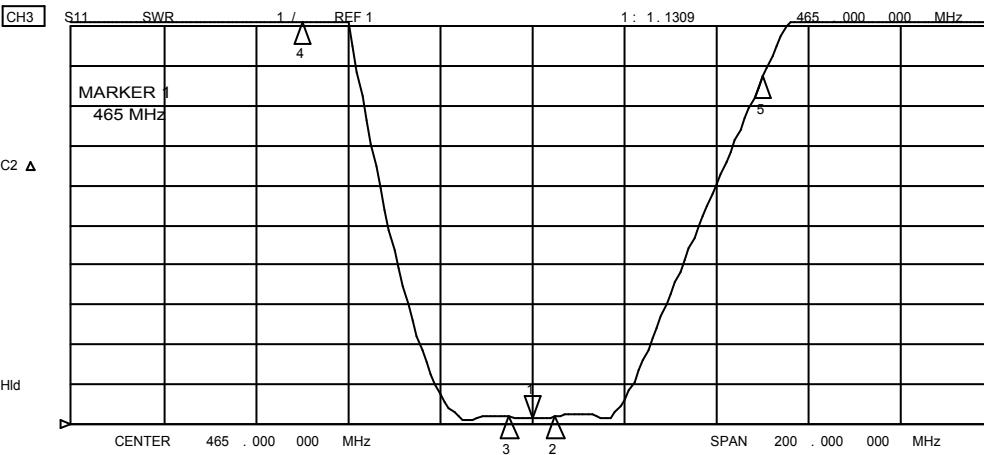
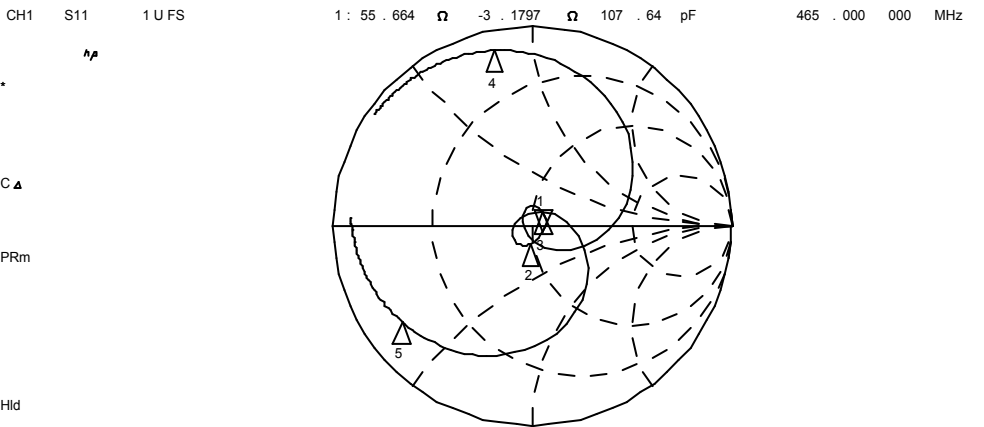
 GROUND  
 I/O PORT

# SLB-465-BP10MD

28 Jul 2003 15:45:26



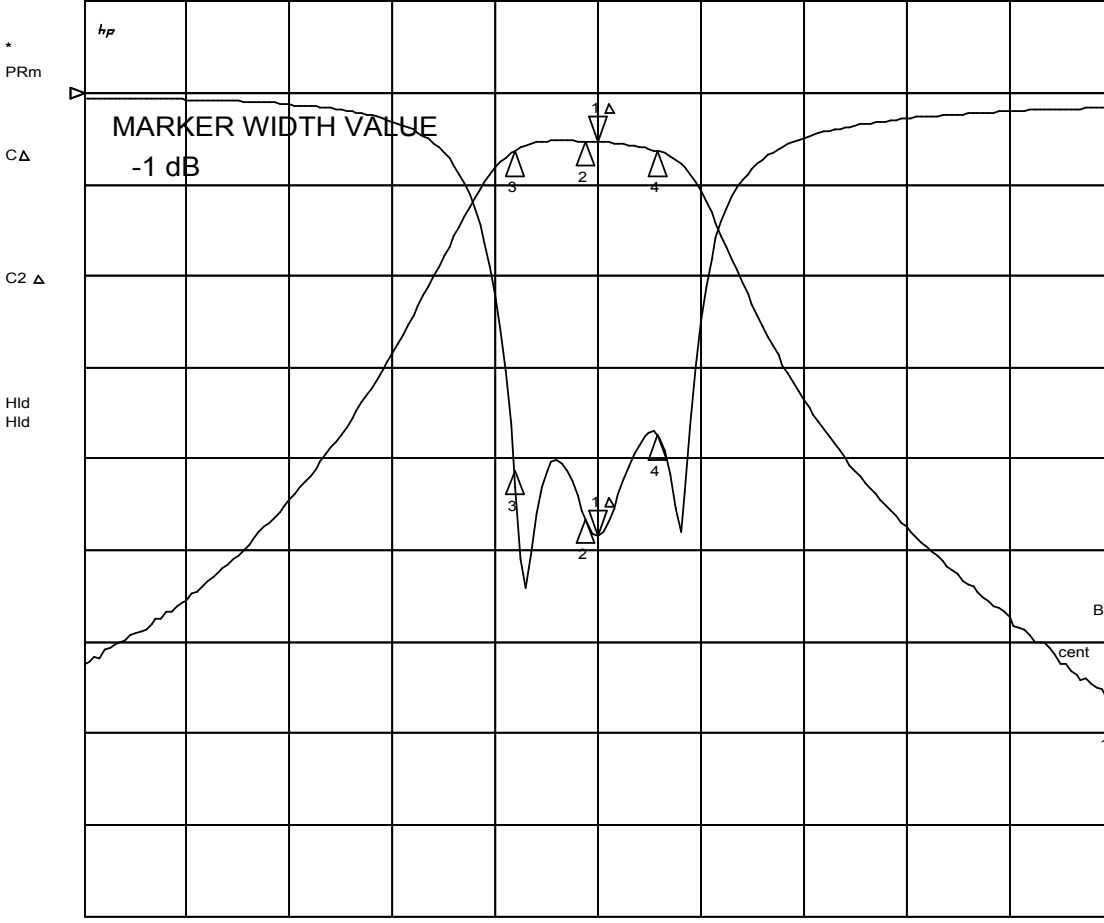
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# SLB-465-BP10MD( -1dB bandwidth )

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CH1 S11 LOG 5 dB/ REF 0 dB 1 : 0.0000 dB  
 CH3 S21 LOG 10 dB/ REF 0 dB 1 : 0.0000 dB 0.000 000 MHz



CH1 Markers

2 :	.95130	dB
-2 :	.37689	MHz
3 :	3.5994	dB
-16 :	.2695	MHz
4 :	5.5228	dB
11 :	.5157	MHz

CH3 Markers  
 Δ REF=1

BW :	27.785214	MHz
cent :	462.623104	MHz
Q :	16.650	
1_loss :	-5.3624	dB

CENTER 465.000 000 MHz SPAN 200.000 000 MHz