

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

CUSTOMER :

PRODUCT NAME : LC FILTER

PART NO: SLB-408-BP10MD

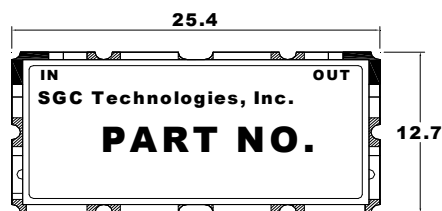
PARAMETER	SPEC.
Center frequency	408 MHz
Bandwidth	10 MHz
Insertion loss	5.0 dB max.
Ripple in BW	0.5 dB max.
VSWR in BW	1.5 max.
Attenuation	40dB min. @ 348 MHz 35dB min. @ 470 MHz
Operating Temperature Range	-30°C to +85°C
In/Out Impedance	50 ohm

NOTE:

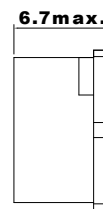
EQUIPMENT used : HP 8753E

DIMENSION:

TOP VIEW



SIDE VIEW



BOTTOM VIEW



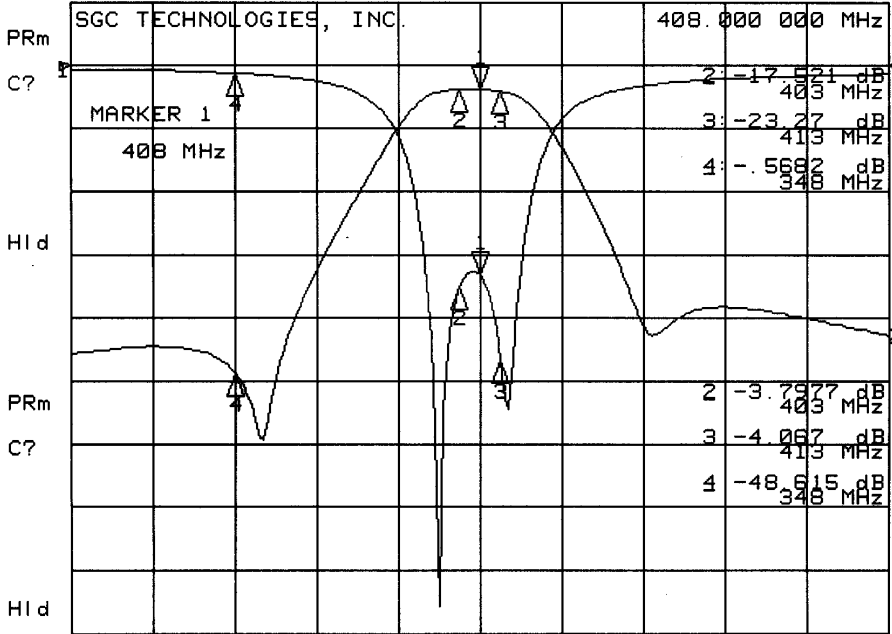
**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm**

 GROUND
 I/O PORT

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CH1 S11 log MAG 5 dB/ REF 0 dB 1: -16.662 dB
 CH2 S21 log MAG 10 dB/ REF 0 dB 1: -3.8151 dB

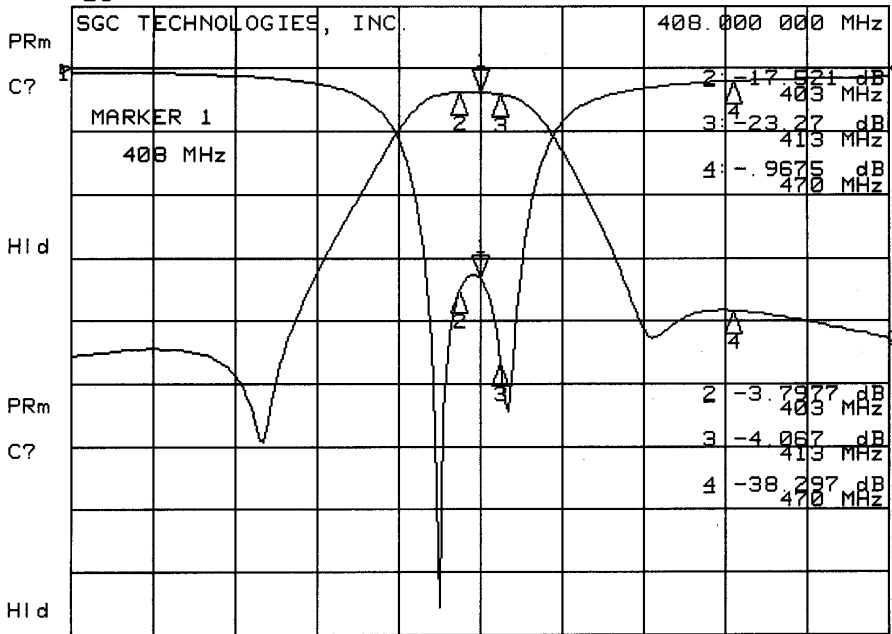


CENTER 408.000 000 MHz

SPAN 200.000 000 MHz

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CH1 S11 log MAG 5 dB/ REF 0 dB 1: -16.662 dB
 CH2 S21 log MAG 10 dB/ REF 0 dB 1: -3.8151 dB



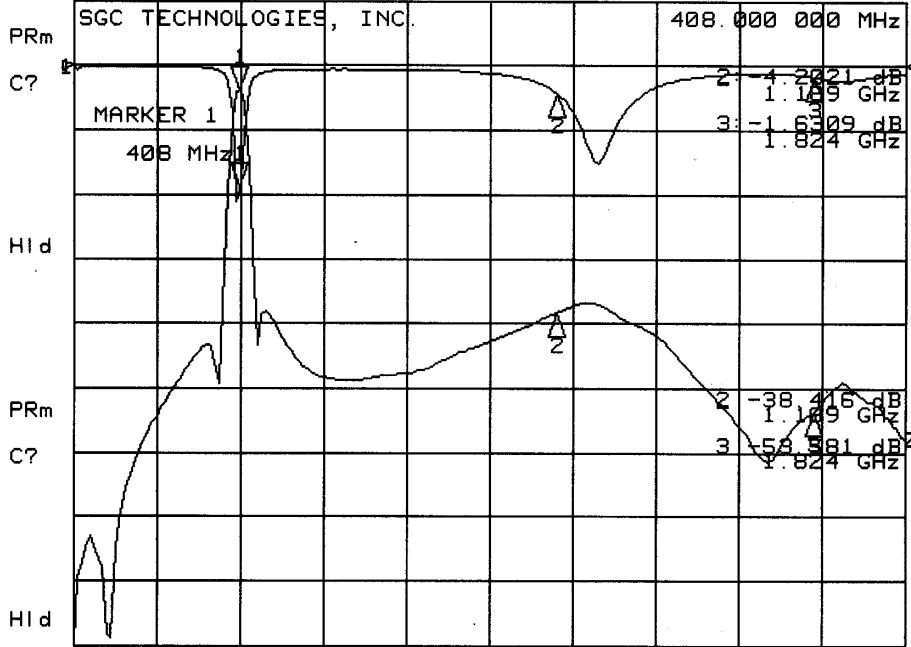
CENTER 408.000 000 MHz

SPAN 200.000 000 MHz

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CH1 S₁₁ log MAG 10 dB/ REF 0 dB 1: -18.695 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1: -3.7902 dB



START .050 000 MHz

STOP 2 050.000 000 MHz