

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP- 4R3B TYPE

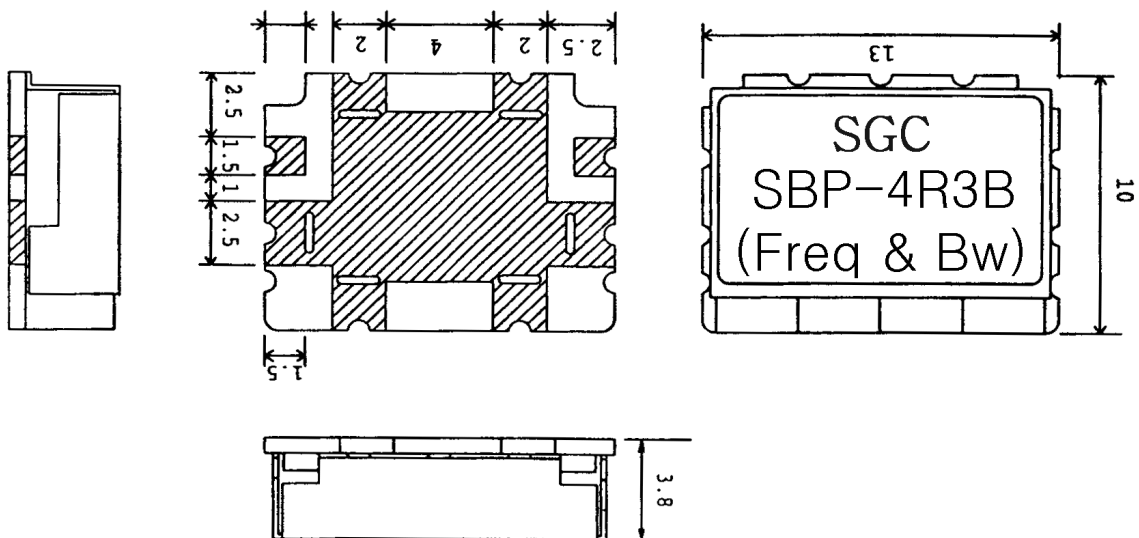
PART NO: SBP-4R3B-3550BP100M

Center frequency	3550 MHz
Pole	3
Bandwidth(BW)	F _o ±50 MHz
Insertion Loss	3.0 dB max
VSWR in BW	1.5 max
Ripple in BW	0.5 dB max
Attenuation	50dB min at 2800MHz - 2900MHz
	45dB min at 3150MHz - 3250MHz
	40dB min at 3850MHz - 3950MHz
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

DIMENSION:

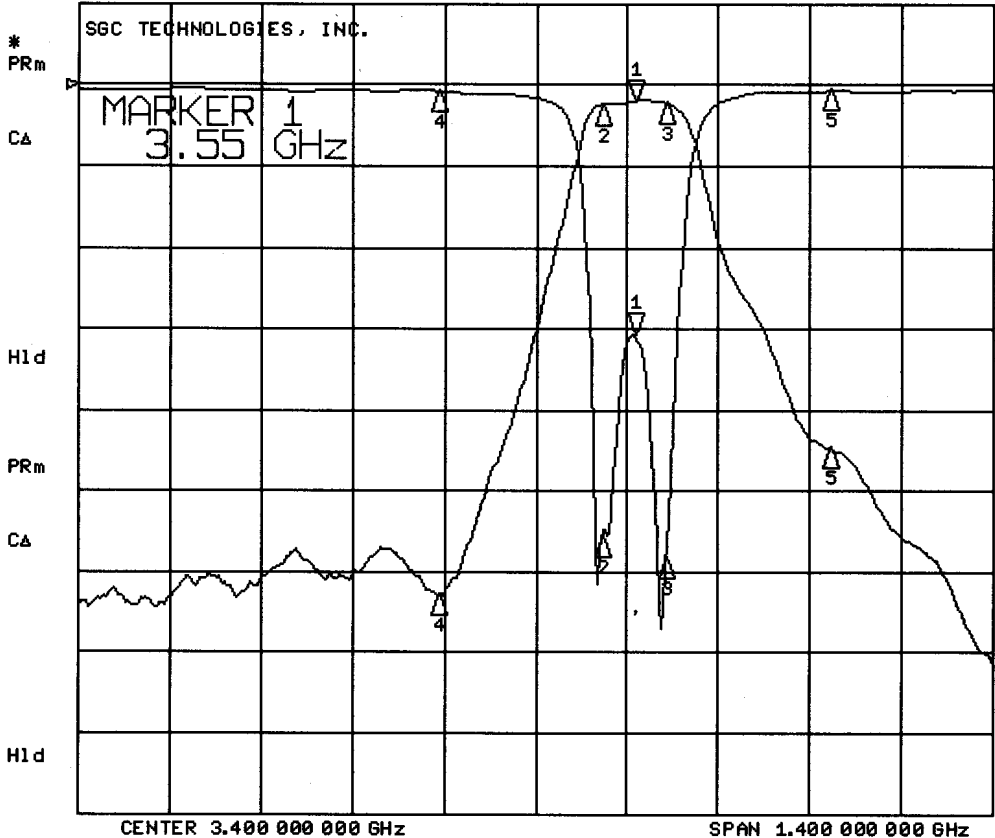


UNIT : mm

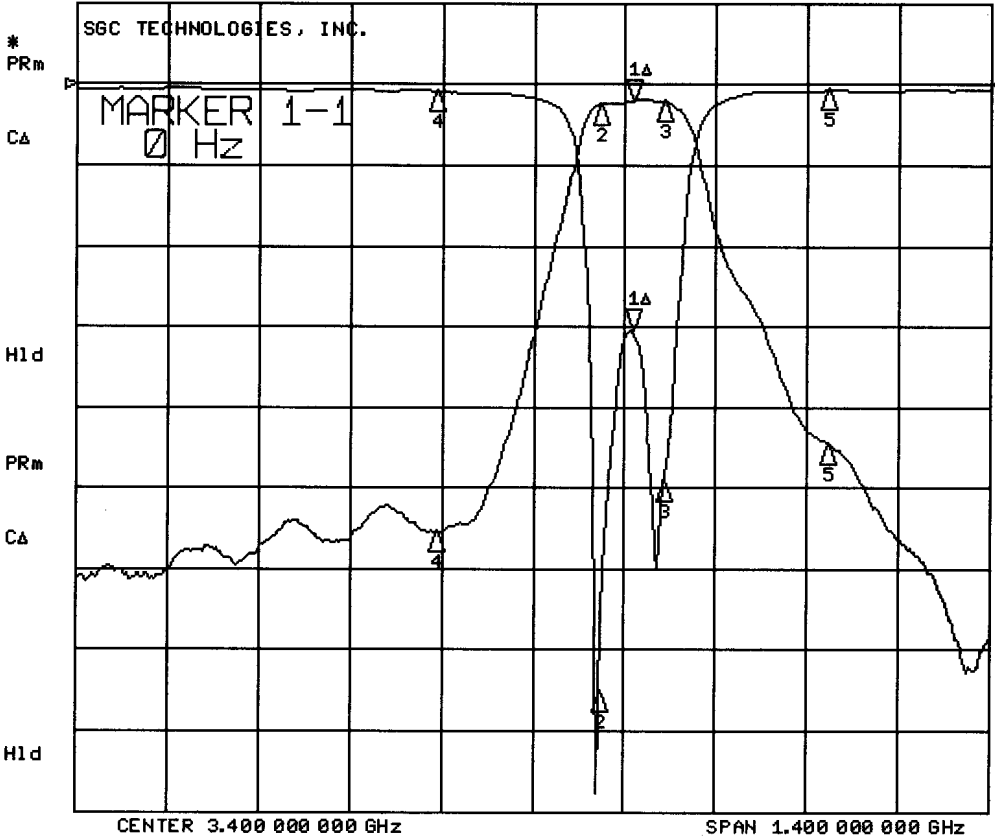
TOLERANCE UNLESS SPECIFIED : +/-0.3

SBP-4R3B-3550BP100M

CH1 S11 LOG 5 dB/REF 0 dB 1:-15.366 dB 3.550 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-2.0210 dB

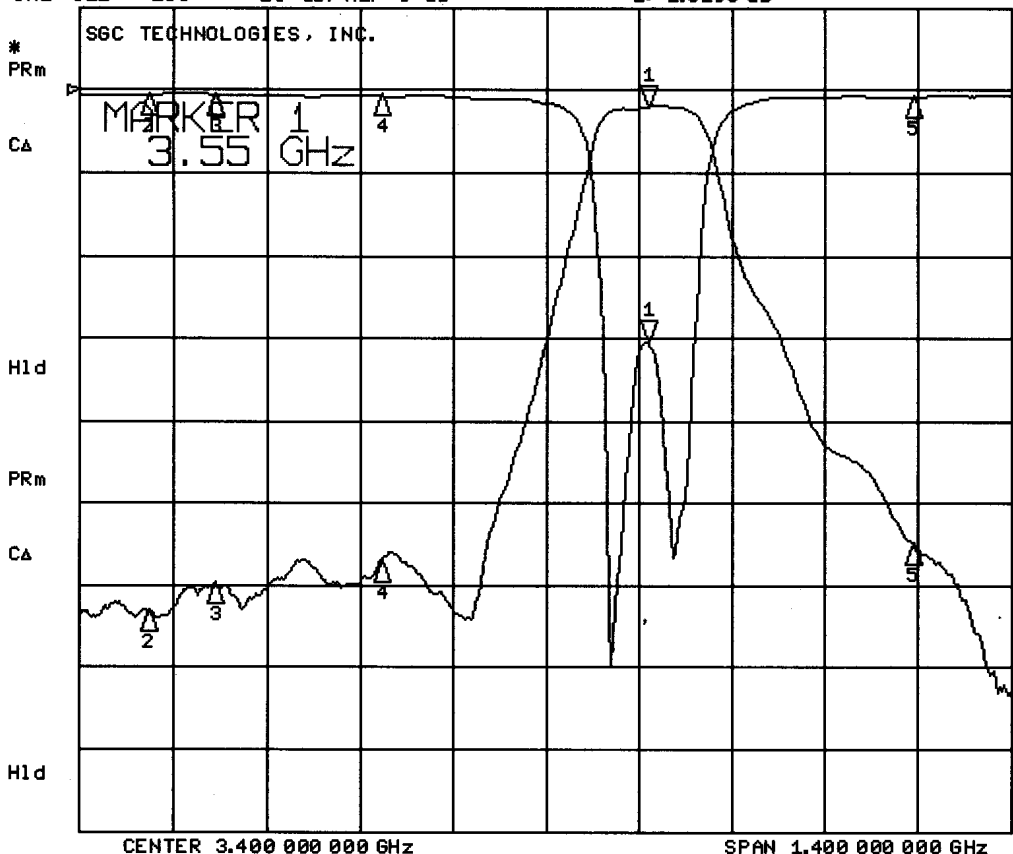


CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB



SBP-4R3B-3550BP100M

CH1 S11 LOG 5 dB/REF 0 dB 1:-15.182 dB 3.550 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-2.0190 dB

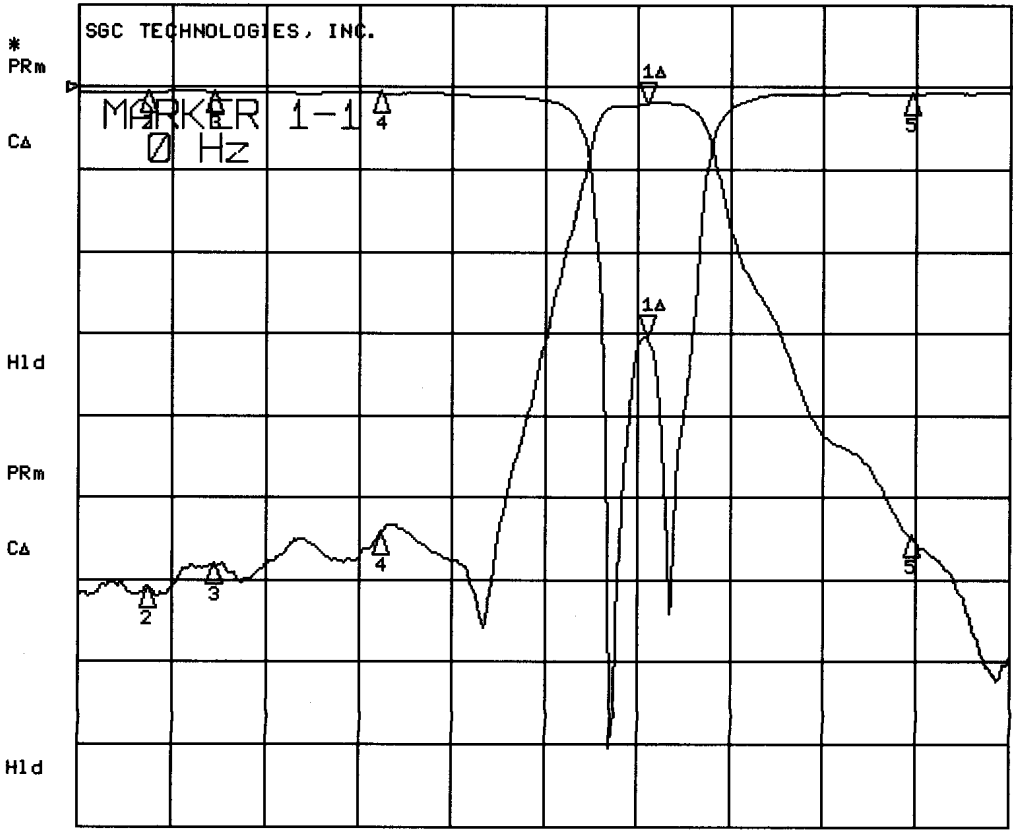


CH1 Markers
 2:-28700 dB
 2.80000 GHz
 3:-26900 dB
 2.90000 GHz
 4:-34300 dB
 3.15000 GHz
 5:-38800 dB
 3.95000 GHz

CH2 Markers
 2:-63.037 dB
 2.80000 GHz
 3:-59.892 dB
 2.90000 GHz
 4:-57.046 dB
 3.15000 GHz
 5:-54.883 dB
 3.95000 GHz

CENTER 3.400 000 000 GHz SPAN 1.400 000 000 GHz

CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB



CH1 Markers
 AREF=1
 2: 14.925 dB
 -750.000 MHz
 3: 14.938 dB
 -650.000 MHz
 4: 14.858 dB
 -400.000 MHz
 5: 14.826 dB
 400.000 MHz

CH2 Markers
 2:-58.947 dB
 -750.000 MHz
 3:-56.102 dB
 -650.000 MHz
 4:-52.491 dB
 -400.000 MHz
 5:-52.653 dB
 400.000 MHz

CENTER 3.400 000 000 GHz SPAN 1.400 000 000 GHz