

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-TYPE

PART NO: SBP-4R3-1760BP20B

Parameter	Specification
Center frequency	1760MHz
Bandwidth(BW)	Fo ± 10MHz
Insertion Loss In BW	4.0dB max
Ripple in BW	0.5dB max
VSWR in BW	1.5 max
Attenuation	40dB min FO-62.5 MHz
Input Power	3W
In/Out Impedance	50 ohm

NOTE: EQUIPMENT used :HP 8753E

DIMENSION:

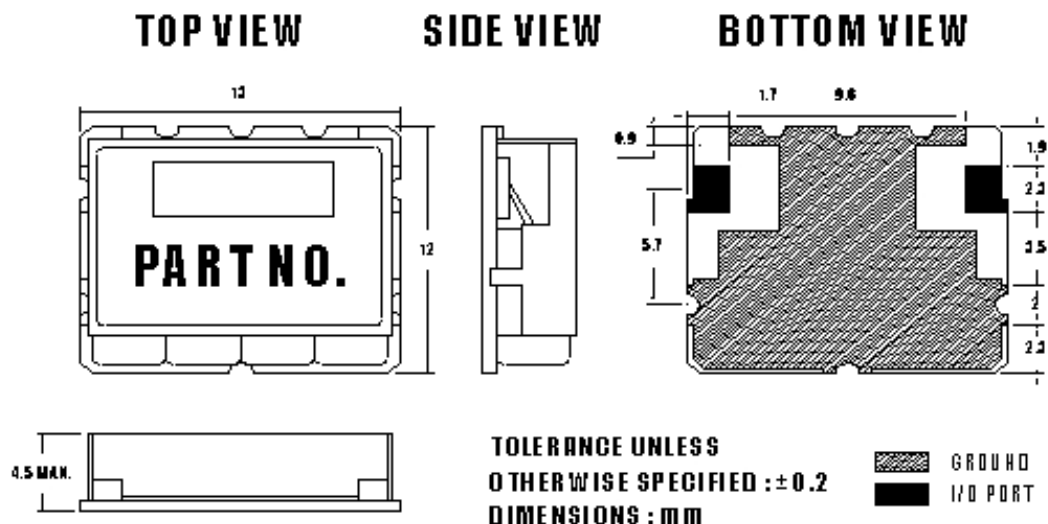


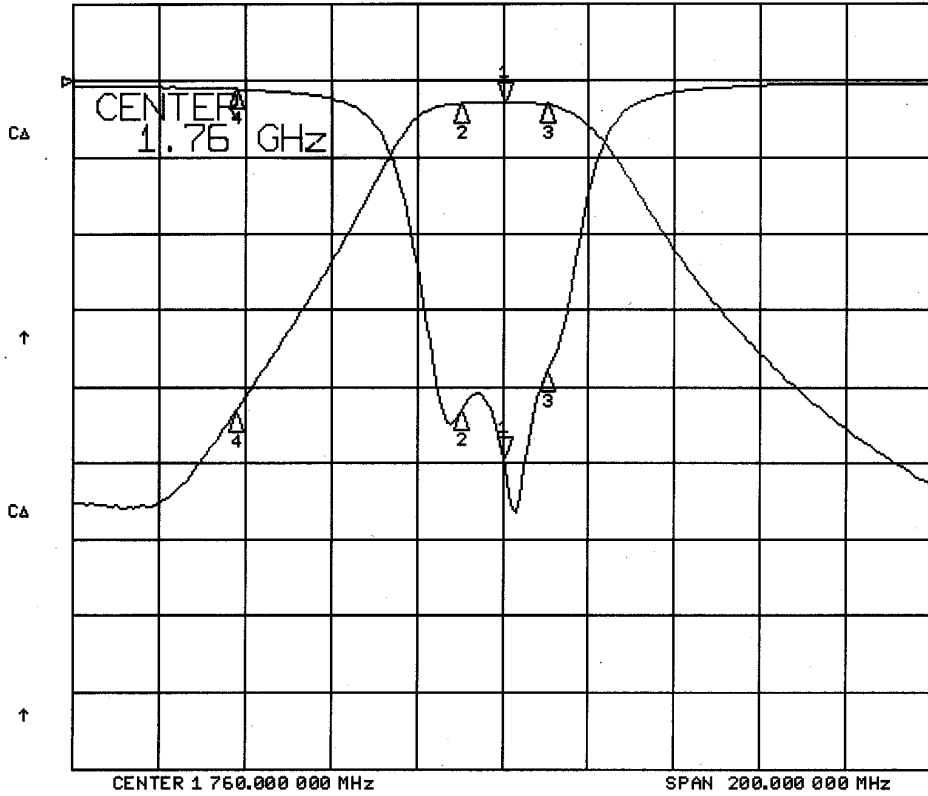
Diagram A

SBP-4R3-1760BP20B

22 Nov 2005 17:18:29

CH1 S11 LOG 5 dB/REF 0 dB
 CH2 S21 LOG 10 dB/REF 0 dB

1: -24.631 dB 1 760.000 000 MHz
 1: -2.7571 dB



CH1 Markers

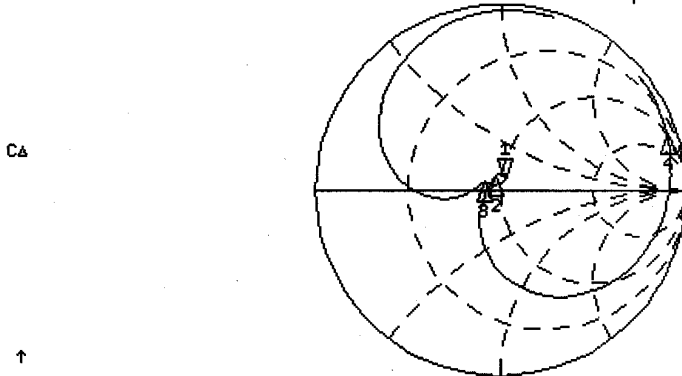
- 2: -21.632 dB
1.75000 GHz
- 3: -19.105 dB
1.77000 GHz
- 4: -50.420 dB
1.69750 GHz

CH2 Markers

- 2: -2.8879 dB
1.75000 GHz
- 3: -3.0322 dB
1.77000 GHz
- 4: -43.330 dB
1.69750 GHz

22 Nov 2005 17:18:39

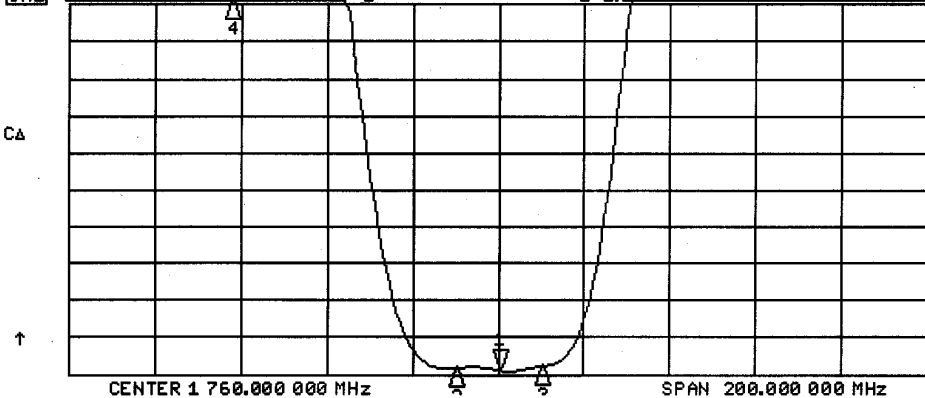
CH1 S11 1 U FS 1: 51.672 Ω 5.6328 Ω 509.37 μH 1 760.000 000 MHz



CH1 Markers

- 2: 46.217 Ω
6.5469 Ω
1.75000 GHz
- 3: 40.902 Ω
3.2402 Ω
1.77000 GHz
- 4: 53.344 Ω
295.95 Ω
1.69750 GHz

CH2 S11 SWR 1 / REF 1 1: 1.1226 1 760.000 000 MHz



CH2 Markers

- 2: 1.1702
1.75000 GHz
- 3: 1.2374
1.77000 GHz
- 4: 34.825
1.69750 GHz