

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-4R3 TYPE

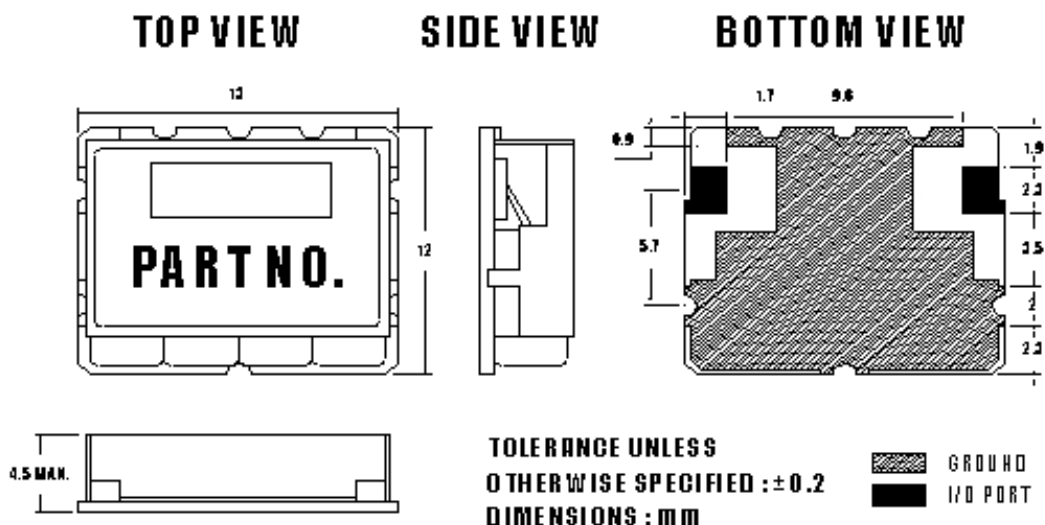
PART NO: SBP-4R3-1424BP20B

Parameter	Spec
Center frequency(Fo)	1424.62 MHz
Pole	4
Bandwidth(BW)	Fo ± 10 MHz
Insertion Loss in BW	3.0 dB max.
Ripple in BW	0.5 dB max.
Return Loss in BW	15 dB Min.
Attenuation	@ < 1244 MHz at 65 dBc min.
In/Out Impedance	50 ohm

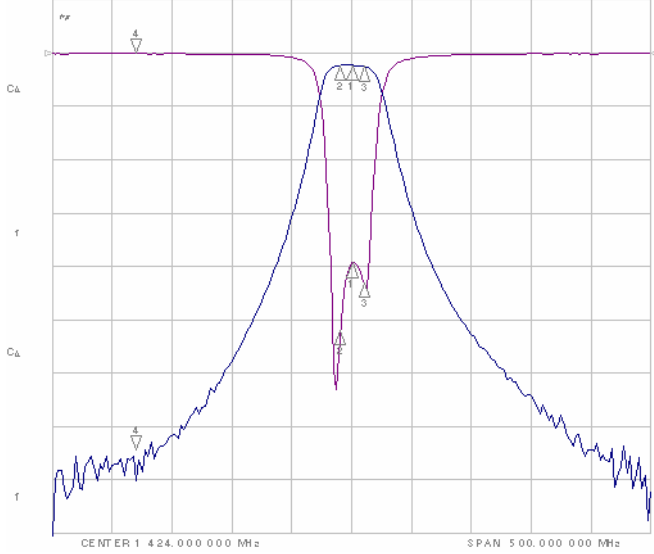
NOTE:

EQUIPMENT used :HP 8753D

DIMENSION:



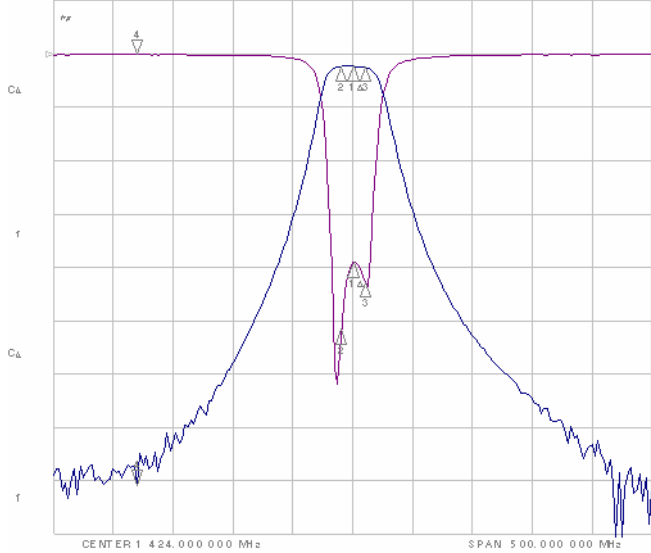
18 Nov 2005 21:51:57
 CH1 S11 LOG 5 dB/ REF 0 dB 4:-0.9110 dB 1.244.000.000 MHz
 CH2 S21 LOG 10 dB/ REF 0 dB 4:-74.384 dB



CH1 Markers
 1:-13.634 dB
 1.42462 GHz
 2:-26.030 dB
 1.41462 GHz
 3:-21.520 dB
 1.43462 GHz

CH2 Markers
 1:-2.3611 dB
 1.42462 GHz
 2:-2.3814 dB
 1.41462 GHz
 3:-2.5436 dB
 1.43462 GHz

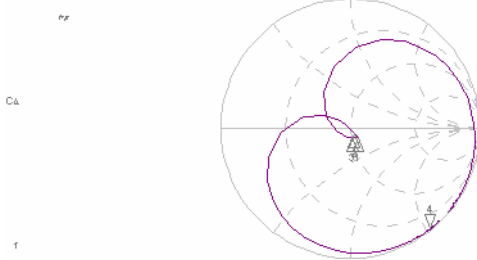
18 Nov 2005 21:52:15
 CH1 S11 LOG 5 dB/ REF 0 dB 4:19.475 dB -180.620.000 MHz
 CH2 S21 LOG 10 dB/ REF 0 dB 4:-78.408 dB



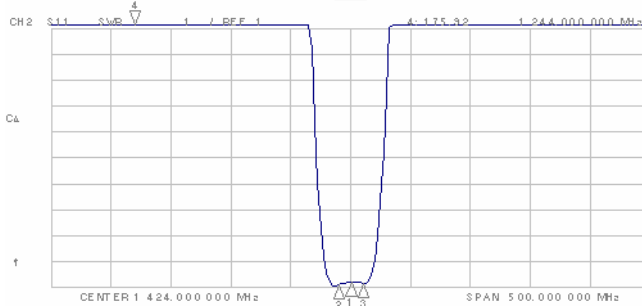
CH1 Markers
 REF=1
 1: 0.0000 dB
 0.00000 Hz
 2:-6.2595 dB
 -10.00000 MHz
 3:-1.8323 dB
 10.00000 MHz

CH2 Markers
 1: 0.0000 dB
 0.00000 Hz
 2:-0.3310 dB
 -10.00000 MHz
 3:-1.3880 dB
 10.00000 MHz

18 Nov 2005 21:52:39
 CH1 S11 1 UFS 4:1.4961 0 -103.38 0 1.2375 pF 1.244.000.000 MHz



CH1 Markers
 1: 56.109 0
 -7.6373 0
 1.42462 GHz
 2: 53.018 0
 -4.2441 0
 1.41462 GHz
 3: 50.961 0
 -7.0801 0
 1.43462 GHz



CH2 Markers
 1: 1.2035
 1.42462 GHz
 2: 1.1067
 1.41462 GHz
 3: 1.1536
 1.43462 GHz