

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

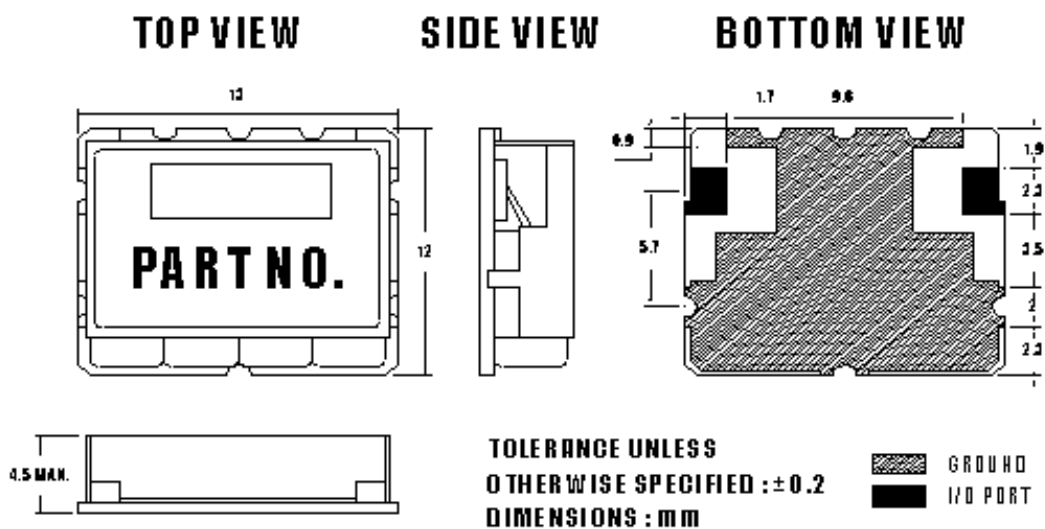
PRODUCT NAME: SBP-4R3 TYPE

PART NO : SBP-4R3-1300BP50H

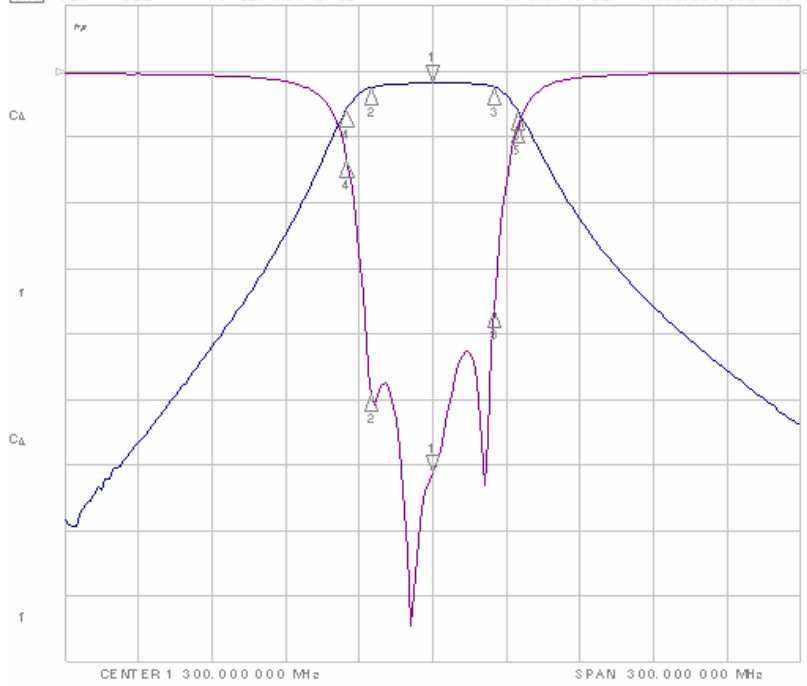
Parameter	Spec
Center frequency(Fo)	1300 MHz
Pole	4
Bandwidth	Fo ± 25 MHz
Insertion Loss in At Fo	3.0 dB max.
Ripple in BW	1.0 dB max.
Return Loss in BW	15 dB min.
GROUP DELAY	(SLOPE) : 7ns max. (PARABOLIC) : 20ns max. at Fo± 25 MHz
Attenuation	At Fo±35 MHz 5 dB min.
	At Fo±115 MHz 40 dB min.
	At 1415 ~ 2600 MHz 40 dB min.
In/Out Impedance	50 ohm

NOTE: EQUIPMENT used :HP 8753E

DIMENSION:



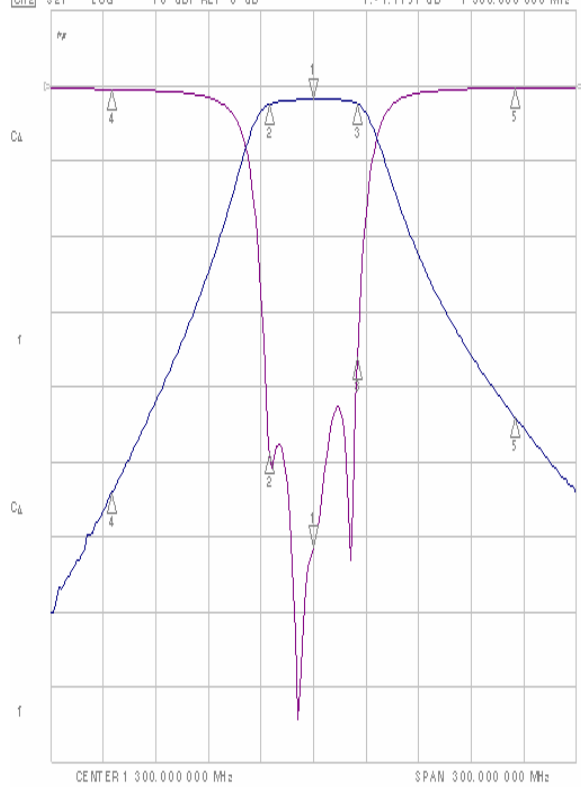
10 Dec 2005 11:07:17
 CH1 S11 LOG 5 dB/ REF 0 dB 1:-30.603 dB
 CH2 S21 LOG 10 dB/ REF 0 dB 1:-1.7749 dB 1 300.000 000 MHz



CH1 Markers
 2:-24.514 dB
 1.27500 GHz
 3:-18.131 dB
 1.32500 GHz
 4:-6.7673 dB
 1.26500 GHz
 5:-4.0478 dB
 1.33500 GHz

CH2 Markers
 2:-2.5314 dB
 1.27500 GHz
 3:-2.4440 dB
 1.32500 GHz
 4:-5.7783 dB
 1.26500 GHz
 5:-6.1527 dB
 1.33500 GHz

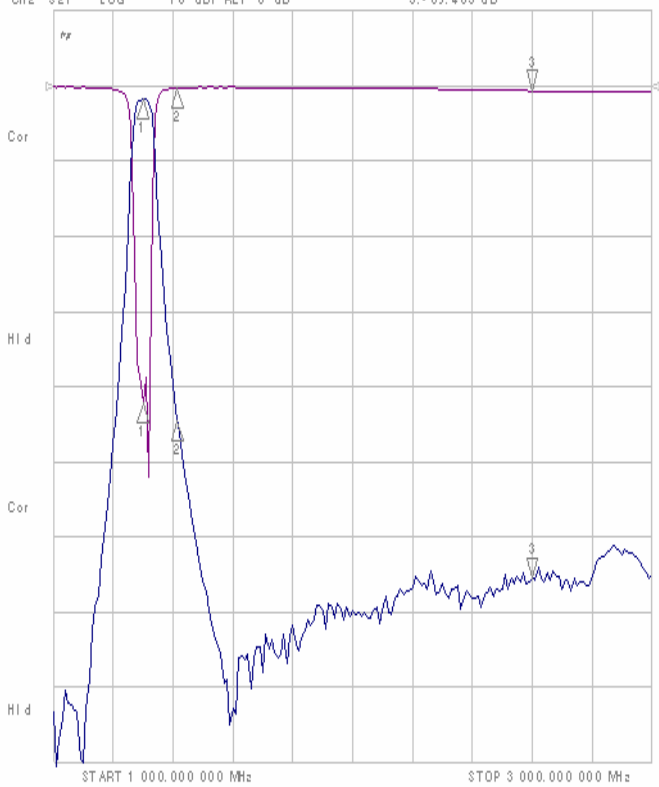
10 Dec 2005 11:07:42
 CH1 S11 LOG 5 dB/ REF 0 dB 1:-30.650 dB
 CH2 S21 LOG 10 dB/ REF 0 dB 1:-1.7757 dB 1 300.000 000 MHz



CH1 Markers
 2:-24.482 dB
 1.27500 GHz
 3:-18.107 dB
 1.32500 GHz
 4:-23860 dB
 1.18500 GHz
 5:-1.16140 dB
 1.41500 GHz

CH2 Markers
 2:-2.5253 dB
 1.27500 GHz
 3:-2.4406 dB
 1.32500 GHz
 4:-54.131 dB
 1.18500 GHz
 5:-44.106 dB
 1.41500 GHz

10 Dec 2005 11:03:12
 CH1 S11 LOG 5 dB/ REF 0 dB 3:-34760 dB 2 600.000 000 MHz
 CH2 S21 LOG 10 dB/ REF 0 dB 3:-65.463 dB



CH1 Markers
 1:-21.031 dB
 1.30000 GHz
 2:-1.15120 dB
 1.41500 GHz

CH2 Markers
 1:-1.8278 dB
 1.30000 GHz
 2:-44.552 dB
 1.41500 GHz

