

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-1972BP15G

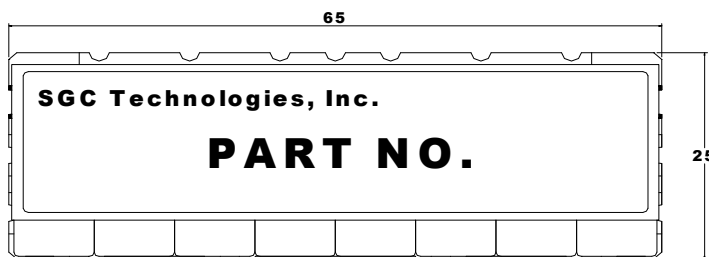
Center frequency	1972.5MHz
Pole	8
Band width (BW)	$F_o \pm 7.5\text{MHz}$
Insertion Loss	10.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	7 dBc min at $F_o \pm 11\text{MHz}$
	50 dBc min at 1920MHz ~ 1980MHz
In/Out Impedance	50 ohm

NOTE:

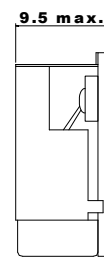
EQUIPMENT used :HP 8753D

DIMENSION:

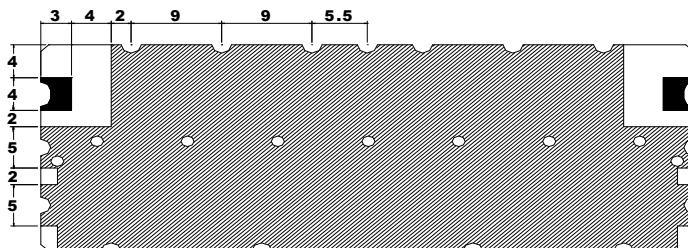
TOP VIEW



SIDE VIEW



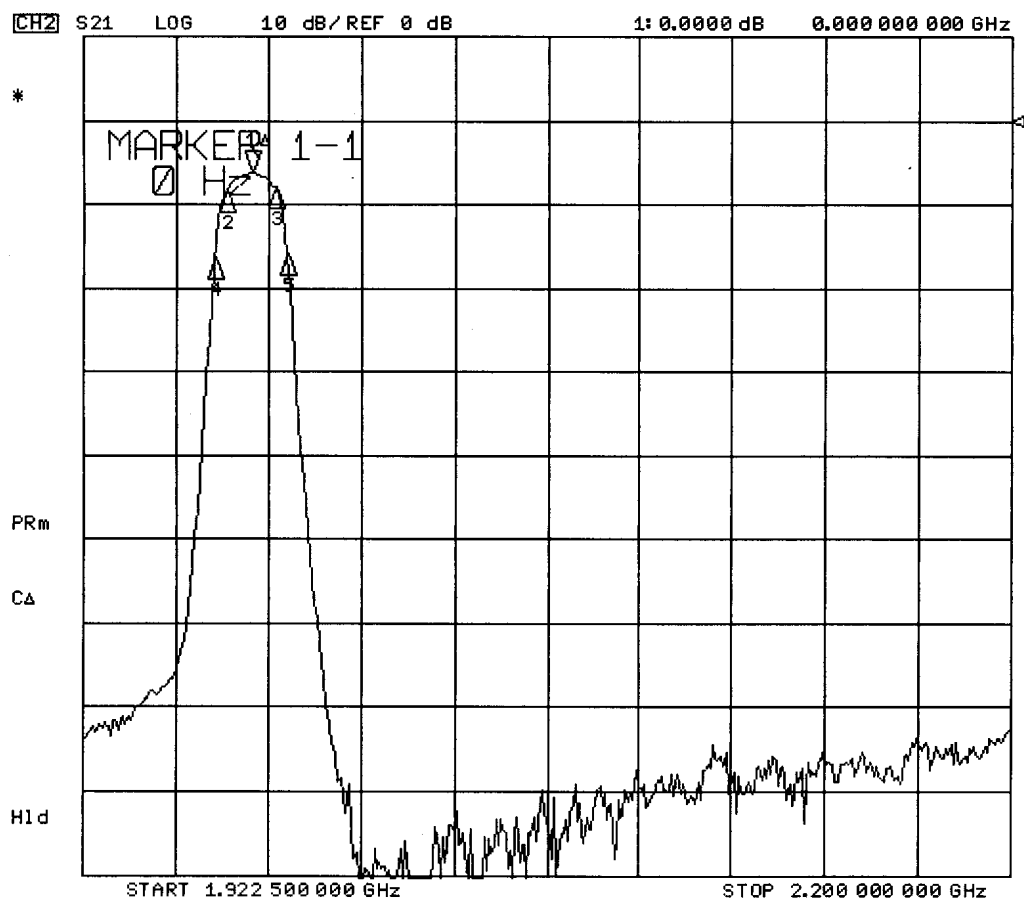
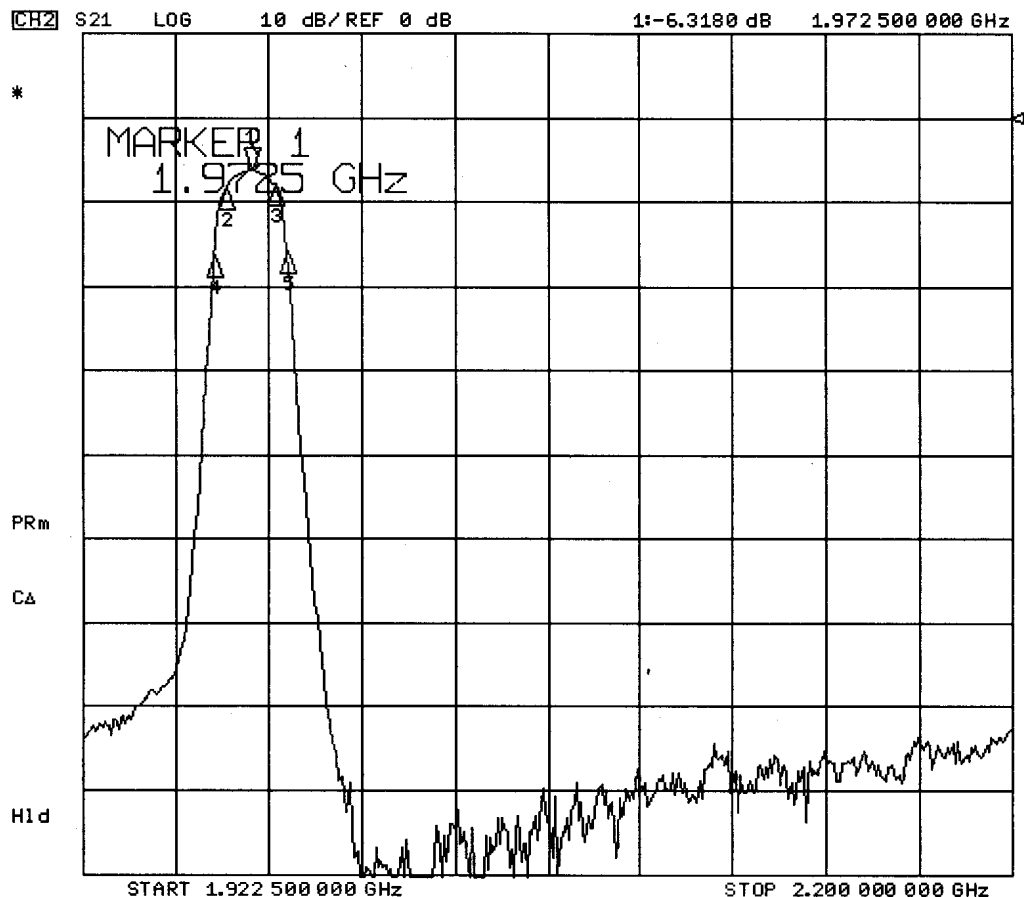
BOTTOM VIEW



TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

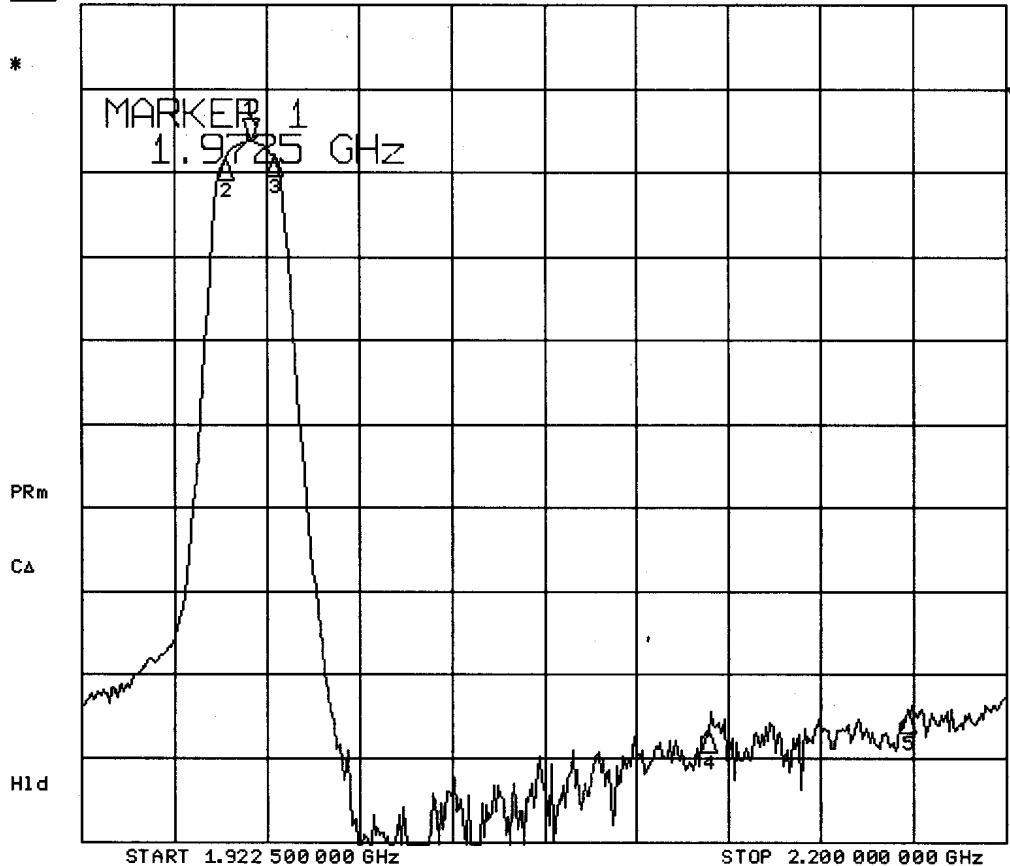
 **GROUND**
 **I/O PORT**

SBP-8R8-1972BP15G



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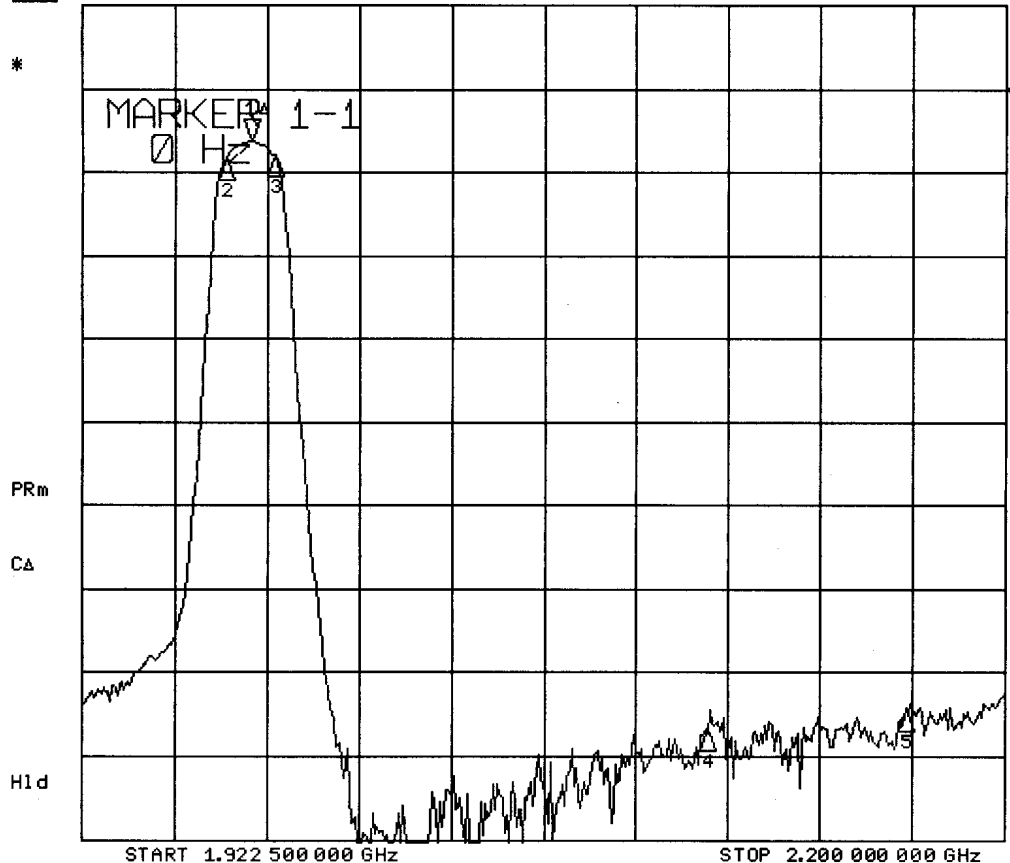
CH2 S21 LOG 10 dB/REF 0 dB 1:-6.3180 dB 1.972500000 GHz



CH2 Markers

2i	-8.4770 dB	1.96500 GHz
3i	-8.1330 dB	1.98000 GHz
4i	-76.894 dB	2.11000 GHz
5i	-74.598 dB	2.17000 GHz

CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000000000 GHz



CH2 Markers

ΔREF=1

2i	-2.1590 dB	-7.50000 MHz
3i	-1.8150 dB	7.50000 MHz
4i	-70.575 dB	137.500 MHz
5i	-68.280 dB	197.500 MHz