

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-947BP8G

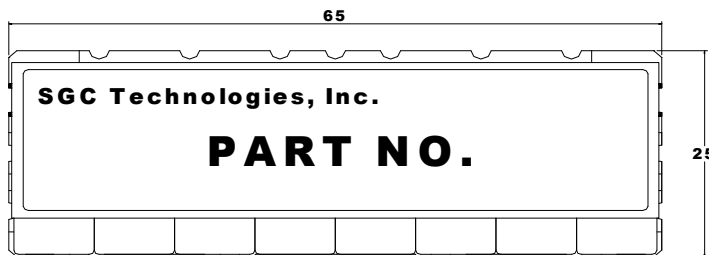
Center frequency	902MHz
Pole	8
Band width (BW)	Fo \pm 4.1MHz
Insertion Loss (Fo)	7.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	40dBc min at 932 MHz
	40dBc min at 962 MHz
In/Out Impedance	50 ohm

NOTE:

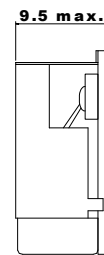
EQUIPMENT used :HP 8753E

DIMENSION:

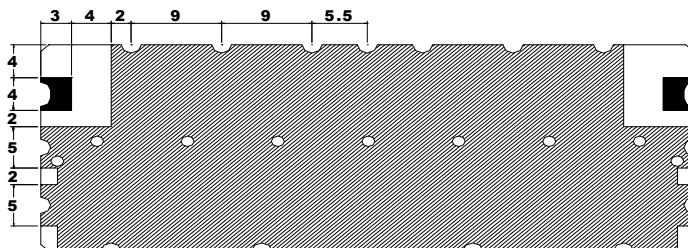
TOP VIEW



SIDE VIEW



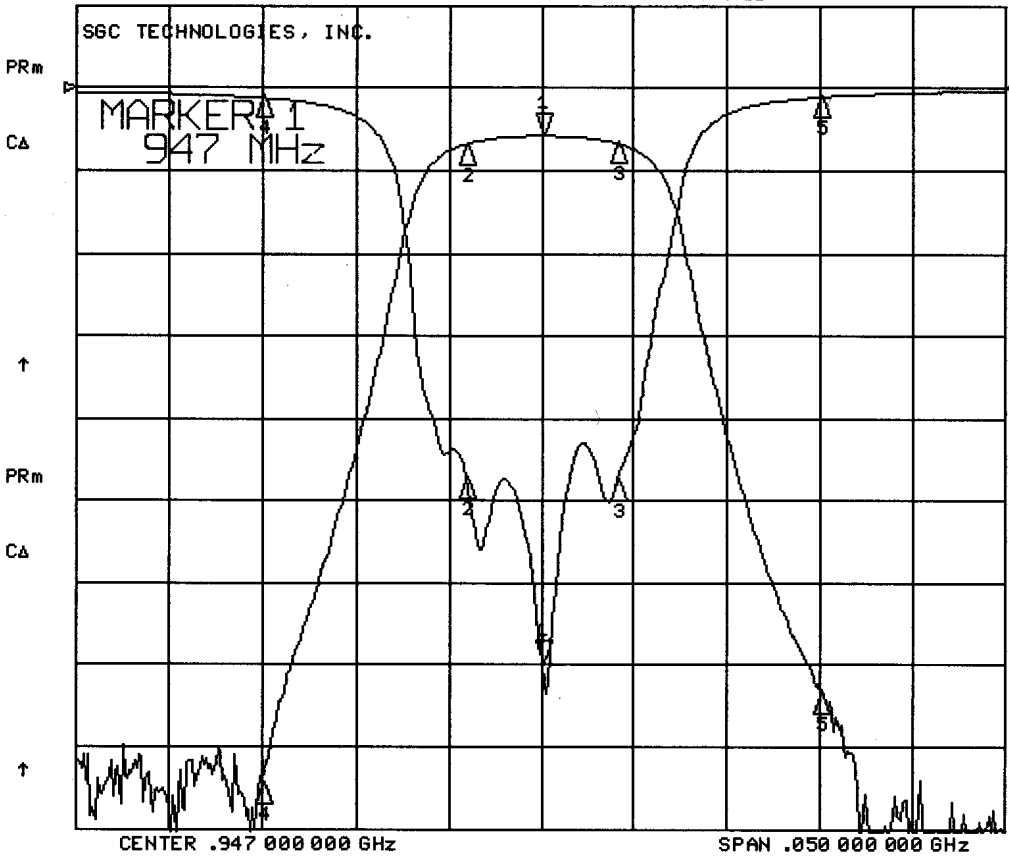
BOTTOM VIEW



TOLERANCE UNLESS OTHERWISE SPECIFIED : \pm 0.3
DIMENSIONS : mm

SBP-8R8-947BP8G

CH1 S11 LOG 5 dB/REF 0 dB 1:-34.787 dB .947 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-5.7470 dB



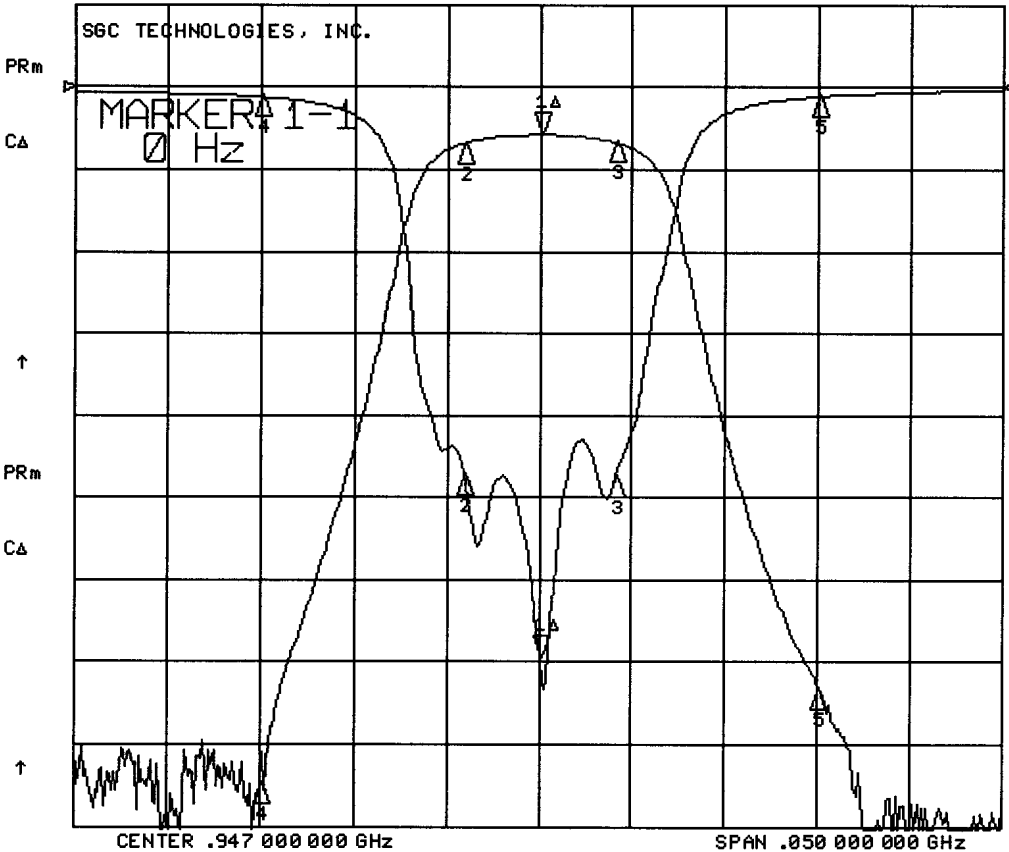
CH1 Markers

- 2:-23.612 dB
942.900 MHz
- 3:-23.770 dB
951.100 MHz
- 4:-59.000 dB
932.000 MHz
- 5:-53.600 dB
962.000 MHz

CH2 Markers

- 2:-6.7600 dB
942.900 MHz
- 3:-6.7090 dB
951.100 MHz
- 4:-84.643 dB
932.000 MHz
- 5:-73.470 dB
962.000 MHz

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

- Δ REF=1
- 2: 11.157 dB
-4.10000 MHz
- 3: 11.002 dB
4.10000 MHz
- 4: 34.179 dB
-15.0000 MHz
- 5: 34.237 dB
15.0000 MHz

CH2 Markers

- 2:-1.0170 dB
-4.10000 MHz
- 3:-.95900 dB
4.10000 MHz
- 4:-79.160 dB
-15.0000 MHz
- 5:-67.636 dB
15.0000 MHz