

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-944BP8G

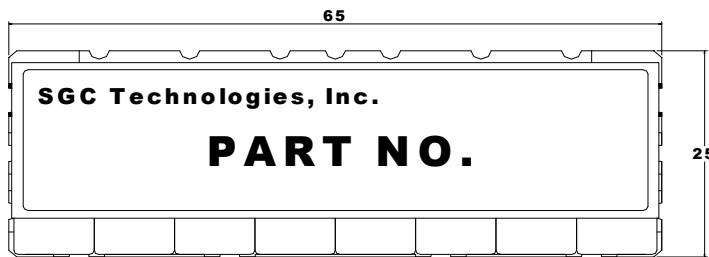
Center frequency	944MHz
Pole	4
Bandwidth(BW)	940MHz – 947.8MHz
Insertion Loss (Fo)	8.0 dB max
VSWR in BW	1.5 max
Ripple in BW	3.0 dB max
Attenuation	Fo \pm 5MHz at 7dB min Fo \pm 40MHz at 50dB min
In/Out Impedance	50 ohm

NOTE:

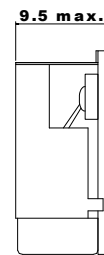
EQUIPMENT used :HP 8753E

DIMENSION:

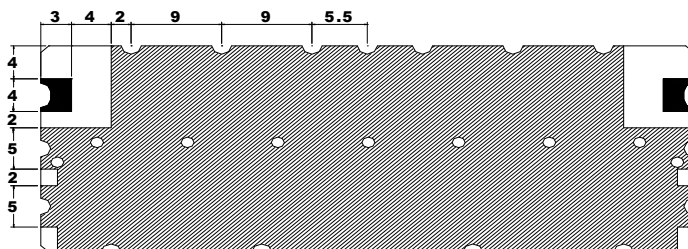
TOP VIEW



SIDE VIEW



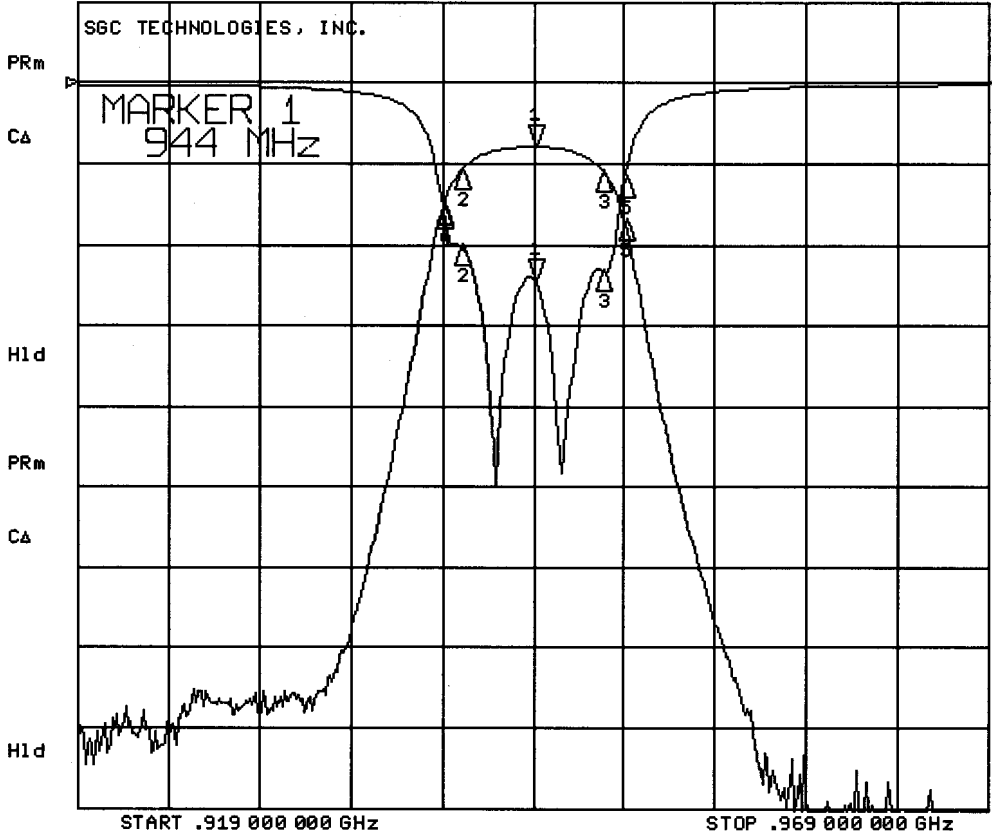
BOTTOM VIEW



**TOLERANCE UNLESS
OTHERWISE SPECIFIED : \pm 0.3
DIMENSIONS : mm**

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CH1 S11 LOG 10 dB/REF 0 dB 1:-24.317 dB
 CH2 S21 LOG 10 dB/REF 0 dB 1:-7.8360 dB .944 000 000 GHz



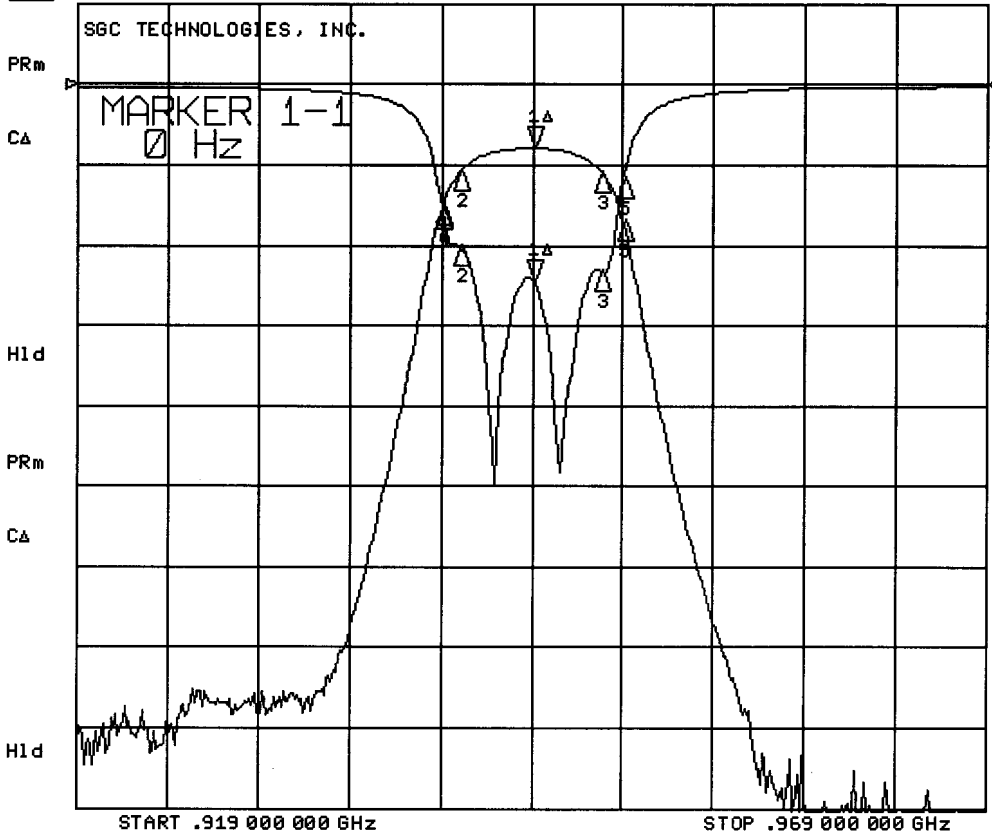
CH1 Markers

- 2:-20.169 dB
940.000 MHz
- 3:-23.186 dB
947.800 MHz
- 4:-15.517 dB
939.000 MHz
- 5:-11.642 dB
949.000 MHz

CH2 Markers

- 2:-10.713 dB
940.000 MHz
- 3:-10.806 dB
947.800 MHz
- 4:-15.141 dB
939.000 MHz
- 5:-17.053 dB
949.000 MHz

CH1 S11 LOG 10 dB/REF 0 dB 1: 0.0000 dB
 CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



CH1 Markers

- 2: 4.1480 dB
-4.00000 MHz
- 3: 1.1300 dB
3.80000 MHz
- 4: 8.8000 dB
-5.00000 MHz
- 5: 12.675 dB
5.00000 MHz

CH2 Markers

- ΔREF=1
- 2:-2.8770 dB
-4.00000 MHz
- 3:-2.9700 dB
3.80000 MHz
- 4:-7.3040 dB
-5.00000 MHz
- 5:-9.2160 dB
5.00000 MHz

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