

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-956BP8G

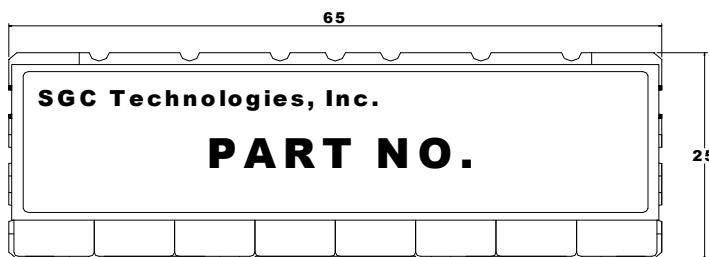
Center frequency	956MHz
Pole	8
Band width (BW)	Fo \pm 4MHz
Insertion Loss (Fo)	7.5 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	55dBc min at 944 MHz
	55dBc min at 968 MHz
In/Out Impedance	50 ohm

NOTE:

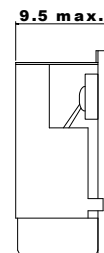
EQUIPMENT used :HP 8753E

DIMENSION:

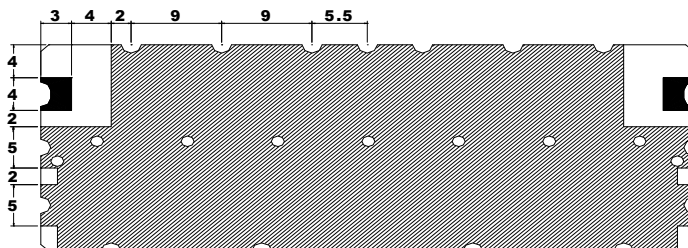
TOP VIEW



SIDE VIEW



BOTTOM VIEW

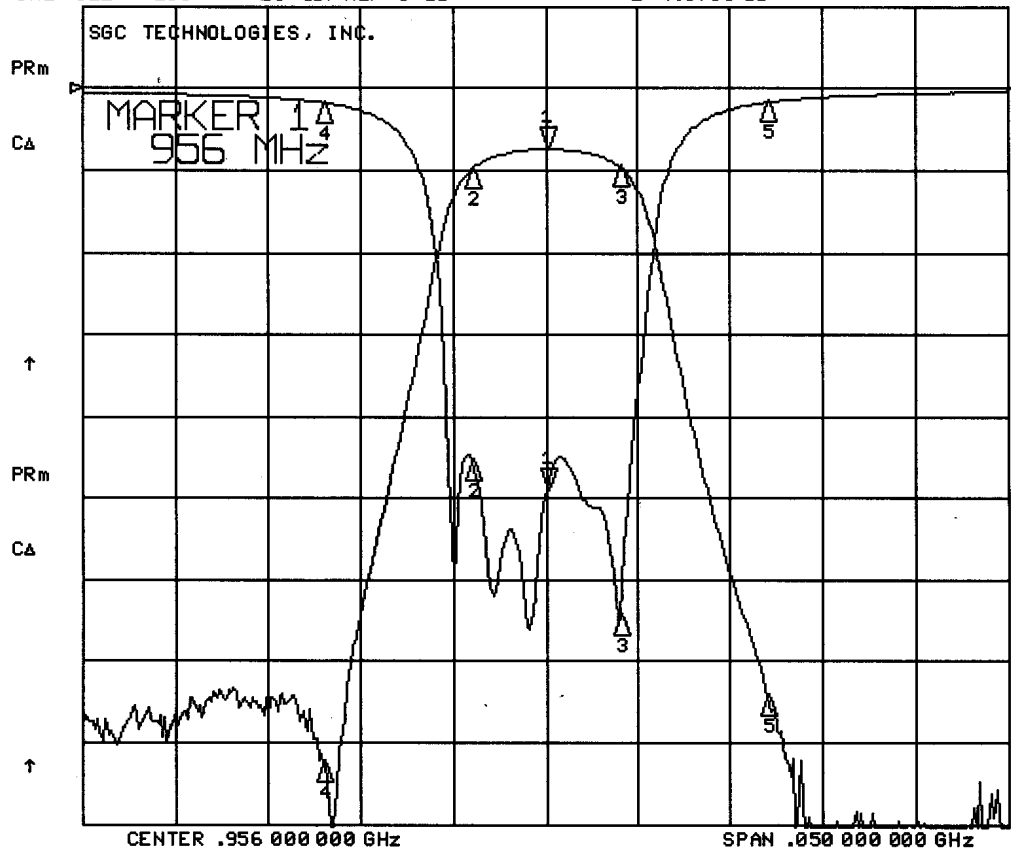


TOLERANCE UNLESS OTHERWISE SPECIFIED : \pm 0.3
DIMENSIONS : mm

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

SBP-8R8-956BP8G

CH1 S11 LOG 5 dB/REF 0 dB 1:-24.544 dB .956 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-7.3730 dB



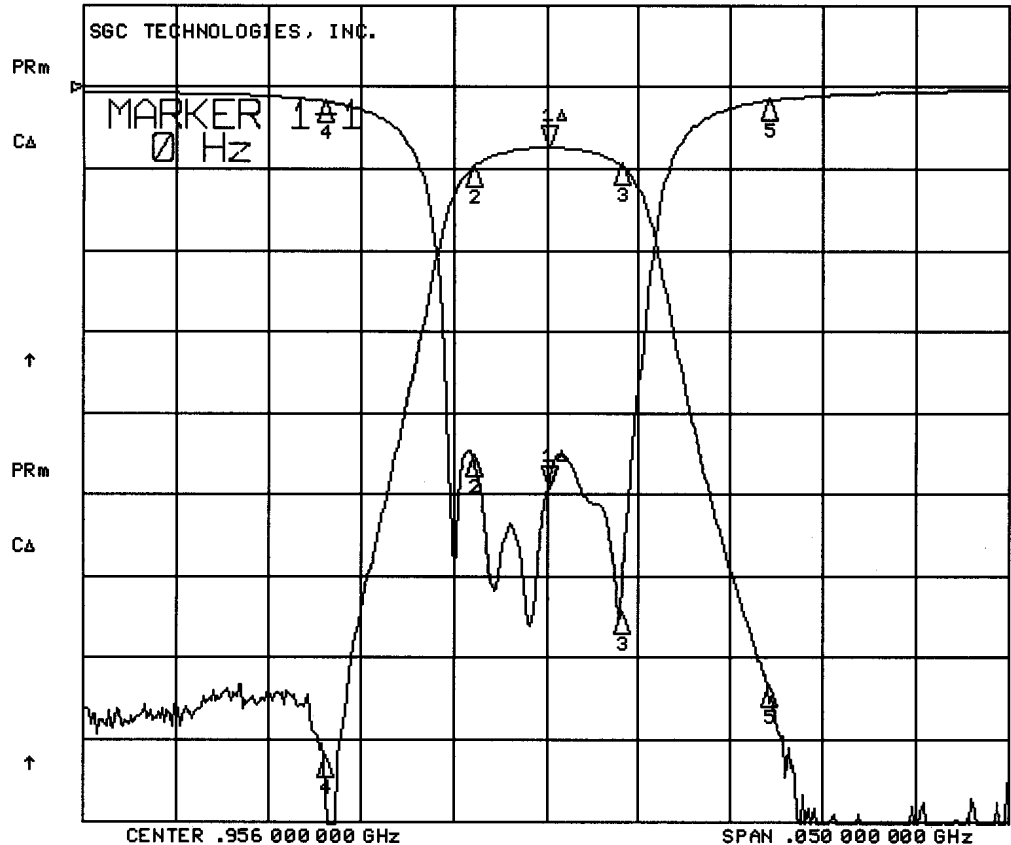
CH1 Markers

2:-22.639 dB
 952.000 MHz
 3:-32.228 dB
 960.000 MHz
 4:-86.800 dB
 944.000 MHz
 5:-82.600 dB
 968.000 MHz

CH2 Markers

2:-9.8380 dB
 952.000 MHz
 3:-9.5520 dB
 960.000 MHz
 4:-82.364 dB
 944.000 MHz
 5:-74.260 dB
 968.000 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

ΔREF=1
 2: 1.9500 dB
 -4.0000 MHz
 3:-7.7200 dB
 4.0000 MHz
 4: 23.715 dB
 -12.0000 MHz
 5: 23.758 dB
 12.0000 MHz

CH2 Markers

2:-2.4560 dB
 -4.0000 MHz
 3:-2.1840 dB
 4.0000 MHz
 4:-74.769 dB
 -12.0000 MHz
 5:-66.205 dB
 12.0000 MHz