

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-959BP1.8G

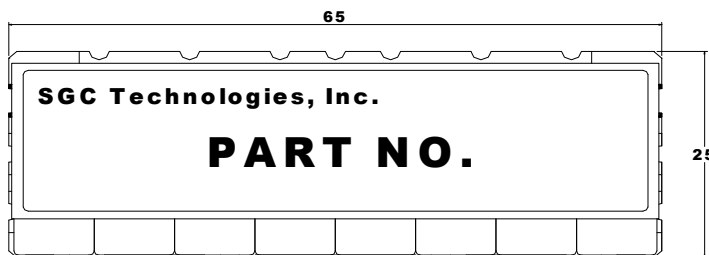
Center frequency	959MHz
Pole	8
Band width (BW)	$F_o \pm 0.9\text{MHz}$
Insertion Loss	7.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	40 dBc min at $F_o \pm 15\text{MHz}$
In/Out Impedance	50 ohm

NOTE:

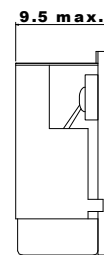
EQUIPMENT used :HP 8753D

DIMENSION:

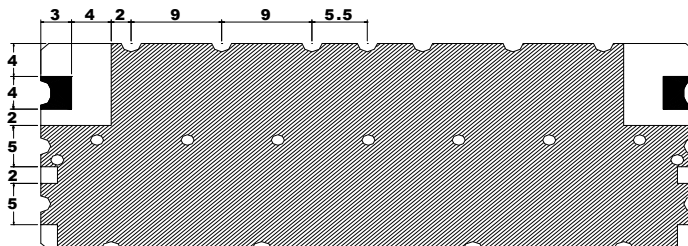
TOP VIEW



SIDE VIEW



BOTTOM VIEW

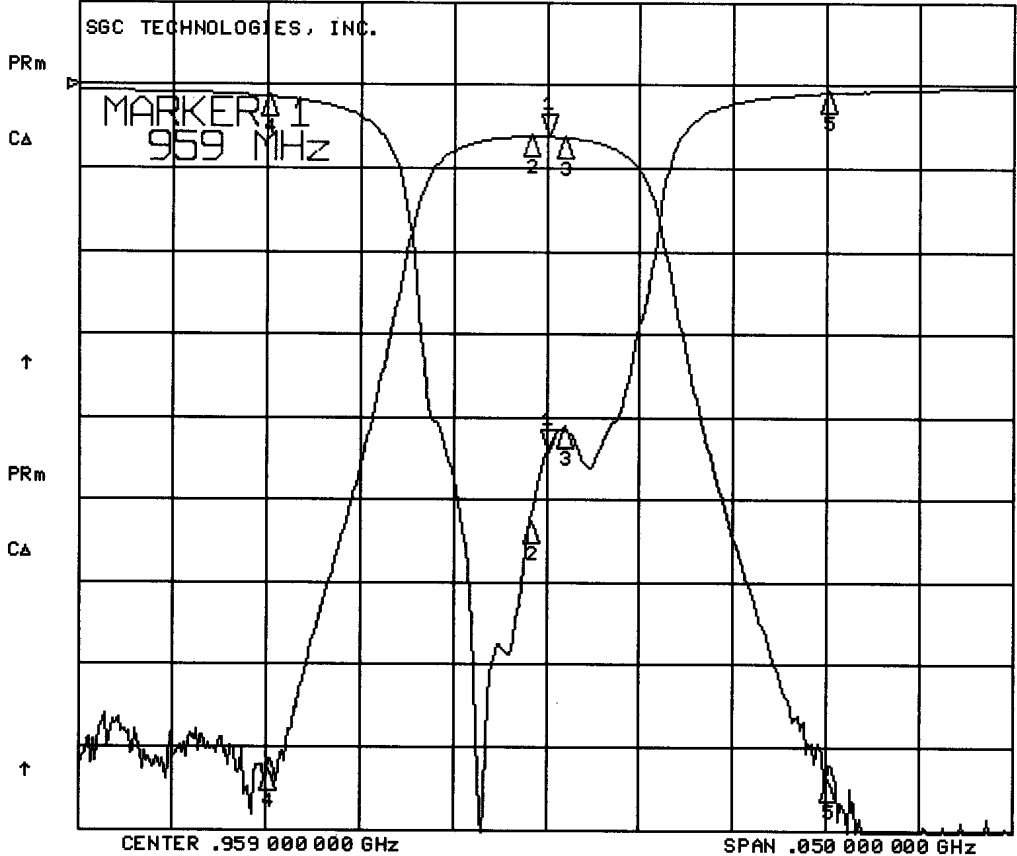


TOLERANCE UNLESS OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm

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

SBP-8R8-959BP1.8G

CH1 S11 LOG 5 dB/REF 0 dB 1:-22.138 dB .959 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-6.1990 dB



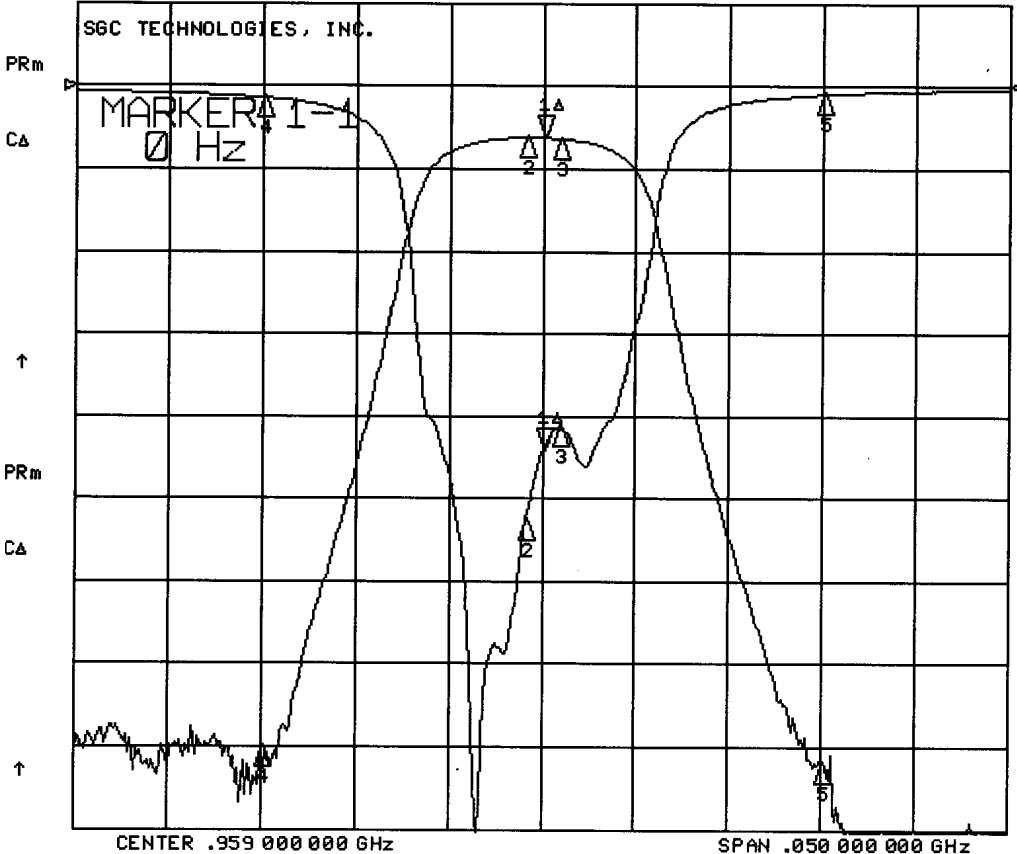
CH1 Markers

- 2:-26.356 dB
958.100 MHz
- 3:-20.700 dB
959.900 MHz
- 4:-.68400 dB
944.000 MHz
- 5:-.46900 dB
974.000 MHz

CH2 Markers

- 2:-6.1590 dB
958.100 MHz
- 3:-6.3210 dB
959.900 MHz
- 4:-82.955 dB
944.000 MHz
- 5:-84.225 dB
974.000 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:-4.1950 dB
-900.000 kHz
- 3: 1.4270 dB
900.000 kHz
- 4: 21.447 dB
-15.0000 MHz
- 5: 21.670 dB
15.0000 MHz

CH2 Markers

- 2: .04000 dB
-900.000 kHz
- 3: -1.2100 dB
900.000 kHz
- 4: -73.825 dB
-15.0000 MHz
- 5: -75.640 dB
15.0000 MHz