

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-1128BP39M

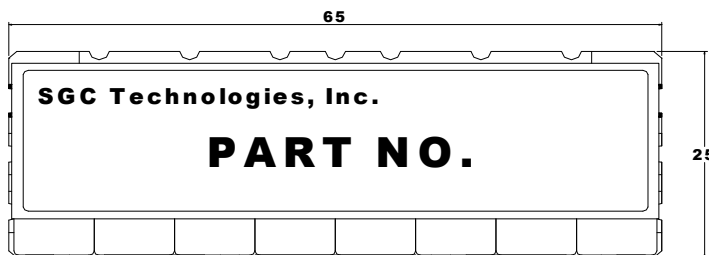
Center frequency	1128.5MHz
Pole	8
Band width (BW)	$F_0 \pm 19.5\text{MHz}$
Insertion Loss	4.0 dB max
VSWR in BW	1.5 max
Ripple in BW	1.0 dB max
Attenuation	45 dBc min @ 1084 & 1173MHz 65 dBc min @ 823 & 1434MHz
In/Out Impedance	50 ohm

NOTE:

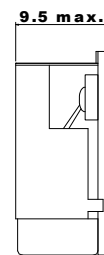
EQUIPMENT used :HP 8753E

DIMENSION:

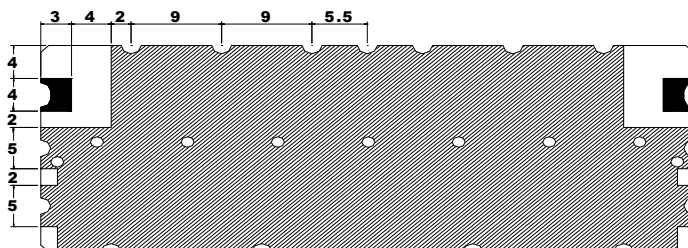
TOP VIEW



SIDE VIEW



BOTTOM VIEW

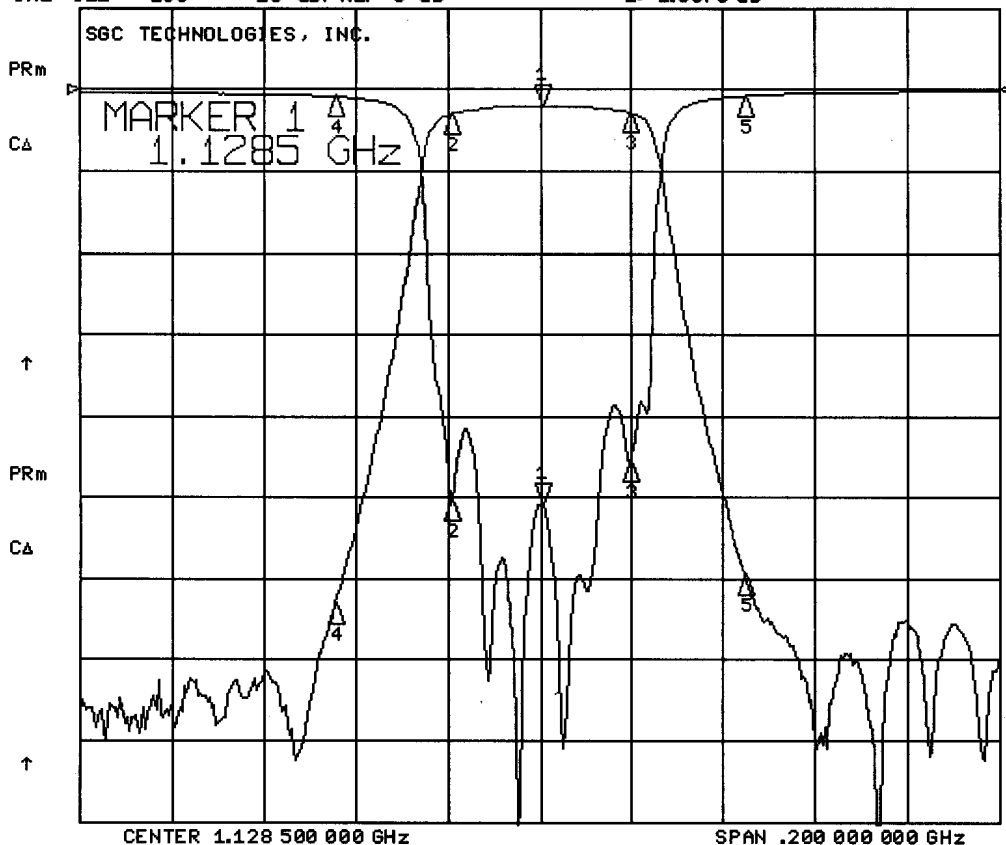


TOLERANCE UNLESS OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm

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

SBP-8R8-1128BP39M

CH1 S11 LOG 5 dB/REF 0 dB 1: -25.424 dB 1.128 500 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: -2.0370 dB



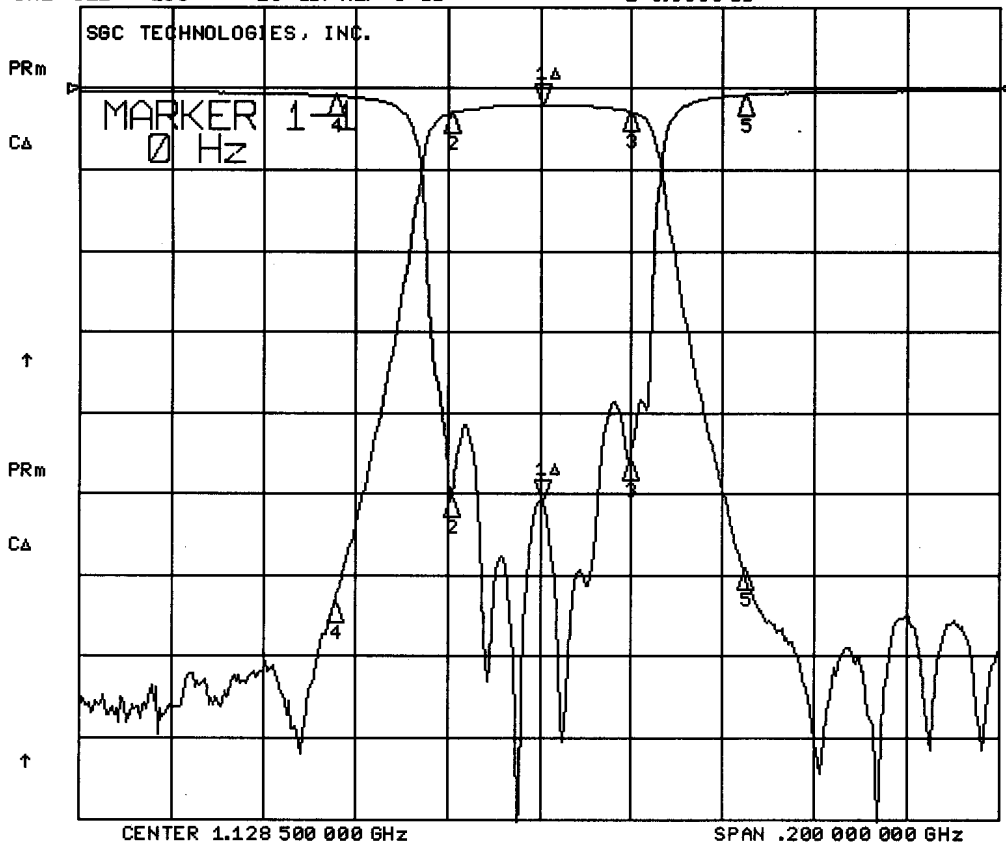
CH1 Markers

- 2: -25.196 dB
1.10900 GHz
- 3: -22.850 dB
1.14800 GHz
- 4: -44.100 dB
1.08400 GHz
- 5: -37.500 dB
1.17300 GHz

CH2 Markers

- 2: -2.9860 dB
1.10900 GHz
- 3: -2.8100 dB
1.14800 GHz
- 4: -63.222 dB
1.08400 GHz
- 5: -59.511 dB
1.17300 GHz

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: .24200 dB
-19.5000 MHz
 - 3: 2.4600 dB
19.5000 MHz
 - 4: 24.994 dB
-44.5000 MHz
 - 5: 25.057 dB
44.5000 MHz

CH2 Markers

- 2: -96.200 dB
-19.5000 MHz
- 3: -79.000 dB
19.5000 MHz
- 4: -61.301 dB
-44.5000 MHz
- 5: -57.391 dB
44.5000 MHz