

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-1202BP39M

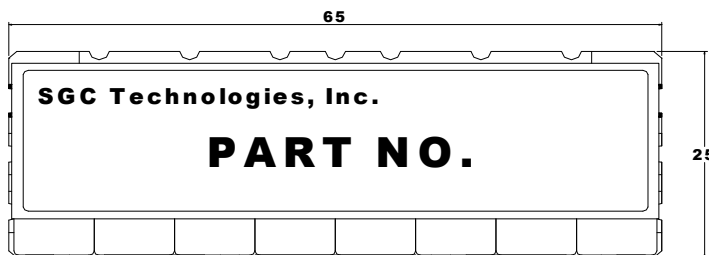
Center frequency	1202.5MHz
Pole	8
Band width (BW)	$F_0 \pm 19.5\text{MHz}$
Insertion Loss	4.0 dB max
VSWR in BW	1.5 max
Ripple in BW	1.0 dB max
Attenuation	45 dBc min @ 1158 & 1247MHz 65 dBc min @ 897 & 1508MHz
In/Out Impedance	50 ohm

NOTE:

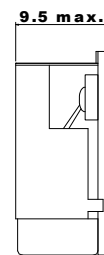
EQUIPMENT used :HP 8753E

DIMENSION:

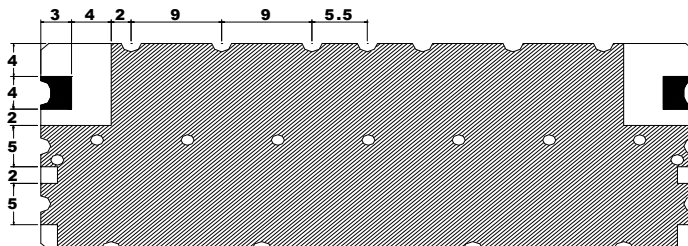
TOP VIEW



SIDE VIEW



BOTTOM VIEW

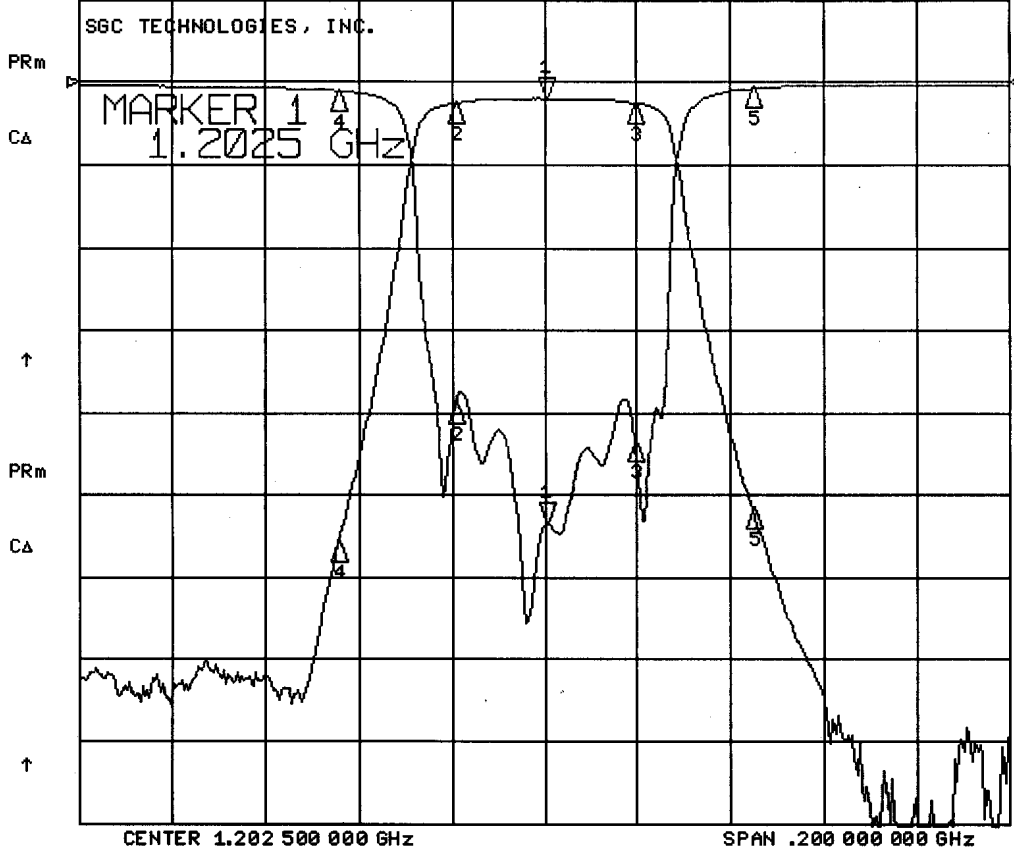


TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

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

SBP-8R8-1202BP39M

CH1 S11 LOG 5 dB/REF 0 dB 1:-26.790 dB 1.202 500 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-1.9470 dB



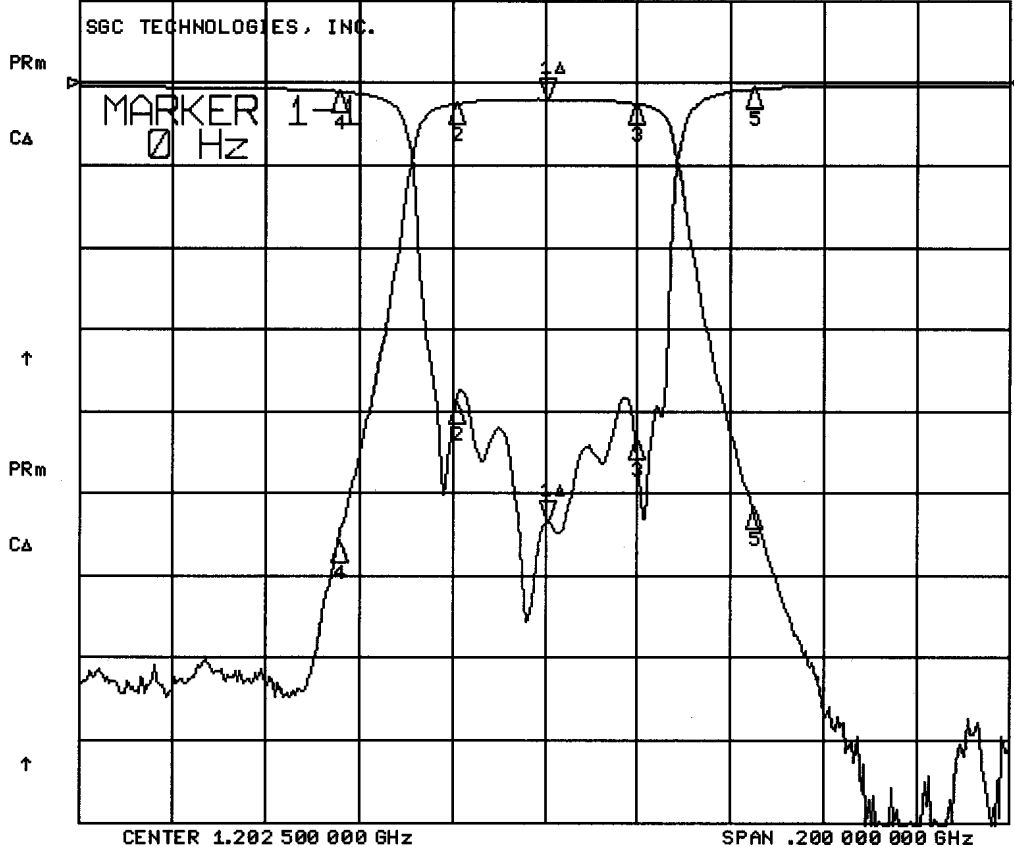
CH1 Markers

- 2:-19.480 dB
1.18300 GHz
- 3:-21.709 dB
1.22200 GHz
- 4:-50.300 dB
1.15800 GHz
- 5:-35.500 dB
1.24700 GHz

CH2 Markers

- 2:-2.5550 dB
1.18300 GHz
- 3:-2.4560 dB
1.22200 GHz
- 4:-55.808 dB
1.15800 GHz
- 5:-51.711 dB
1.24700 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

- REF=1
- 2: 7.2590 dB
-19.5000 MHz
- 3: 5.0390 dB
19.5000 MHz
- 4: 26.253 dB
-44.5000 MHz
- 5: 26.402 dB
44.5000 MHz

CH2 Markers

- 2:-6.1800 dB
-19.5000 MHz
- 3:-51.700 dB
19.5000 MHz
- 4:-53.907 dB
-44.5000 MHz
- 5:-49.784 dB
44.5000 MHz