

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-2135BP10G

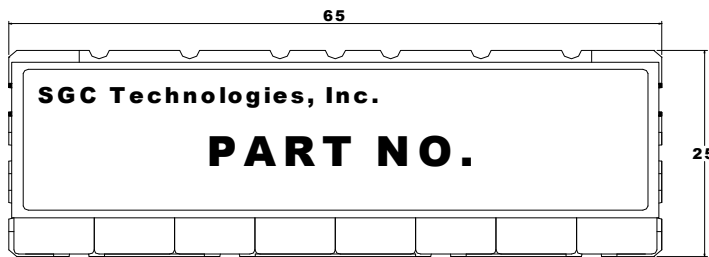
Center frequency	2135MHz
Pole	8
Band width (BW)	$F_o \pm 5.0\text{MHz}$
Insertion Loss (F_o)	11.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	30 dBc min at $F_o \pm 10\text{MHz}$
In/Out Impedance	50 ohm

NOTE:

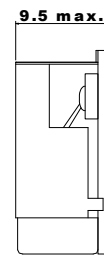
EQUIPMENT used :HP 8753D

DIMENSION:

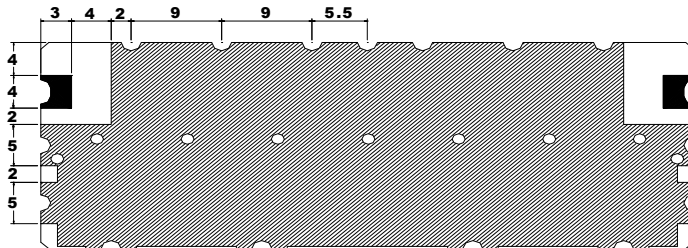
TOP VIEW



SIDE VIEW



BOTTOM VIEW

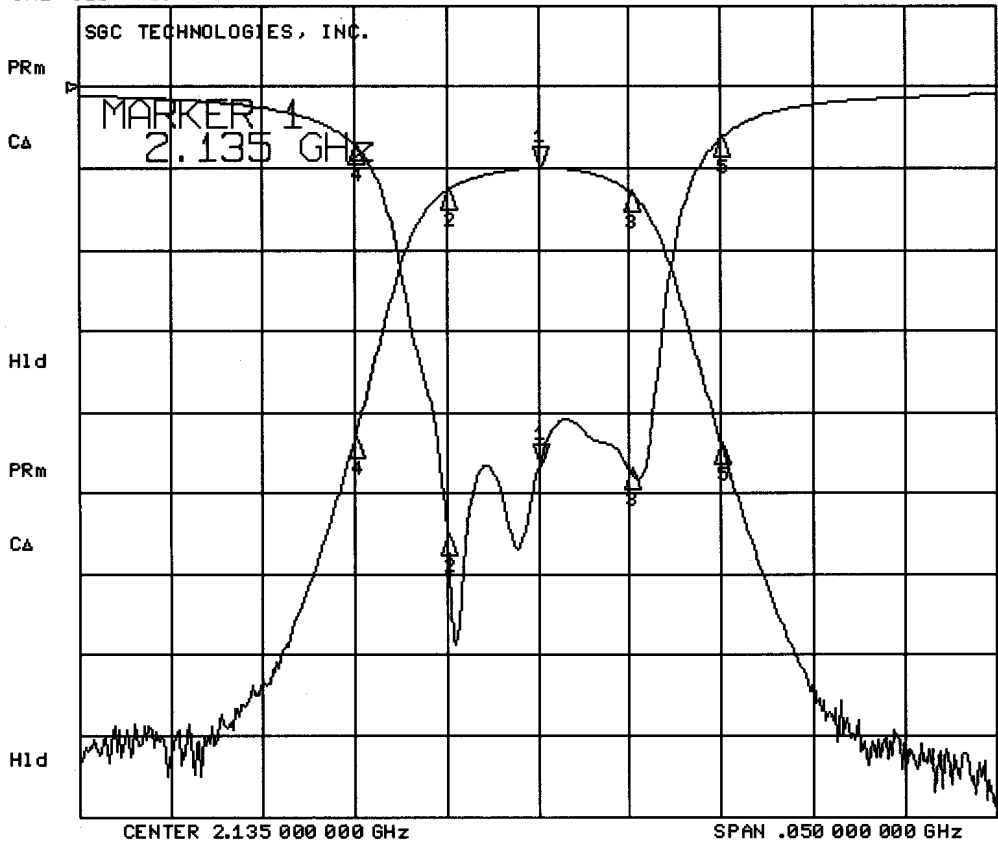


TOLERANCE UNLESS OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm

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

SBP-8R8-2135BP10G

CH1 S11 LOG 5 dB/REF 0 dB 1:-23.291 dB 2.135 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-10.005 dB



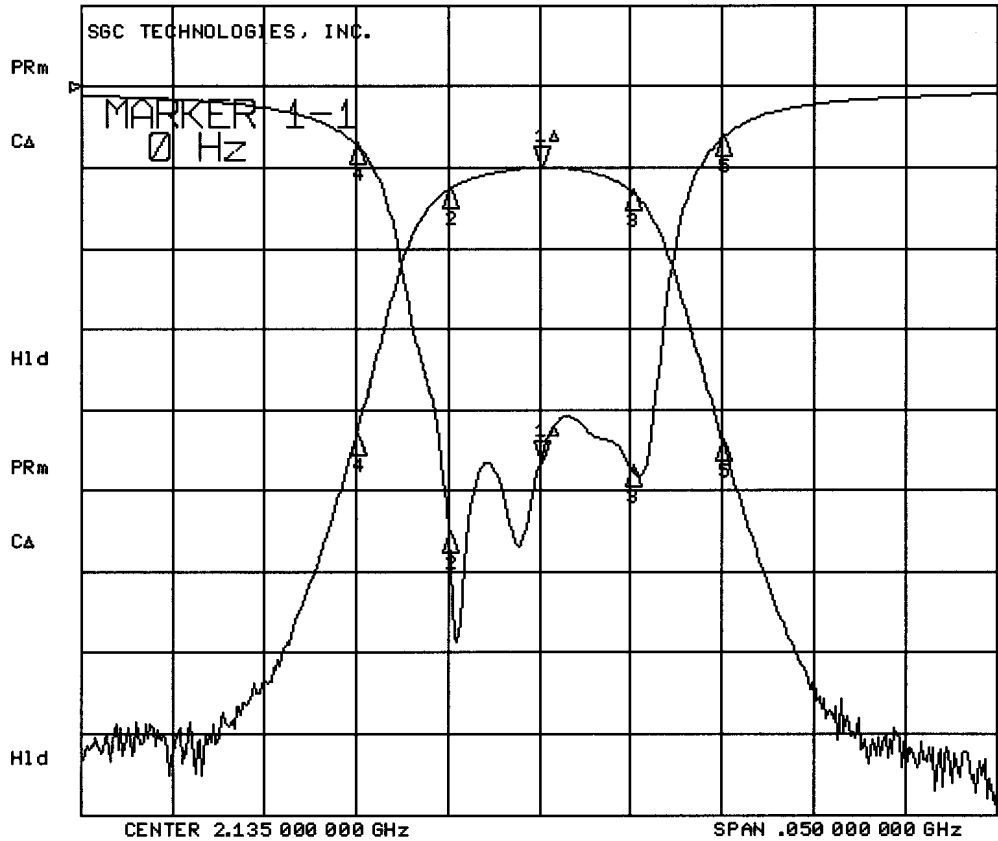
CH1 Markers

- 2:-27.608 dB
2.13000 GHz
- 3:-23.561 dB
2.14000 GHz
- 4:-3.5480 dB
2.12500 GHz
- 5:-3.1240 dB
2.14500 GHz

CH2 Markers

- 2:-12.729 dB
2.13000 GHz
- 3:-12.870 dB
2.14000 GHz
- 4:-43.175 dB
2.12500 GHz
- 5:-43.952 dB
2.14500 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:-4.3170 dB
-5.00000 MHz
- 3:-.27000 dB
5.00000 MHz
- 4: 19.742 dB
-10.0000 MHz
- 5: 20.167 dB
10.0000 MHz

CH2 Markers

- 2:-2.7240 dB
-5.00000 MHz
- 3:-2.8650 dB
5.00000 MHz
- 4:-33.171 dB
-10.0000 MHz
- 5:-33.948 dB
10.0000 MHz