

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-1867BP25G

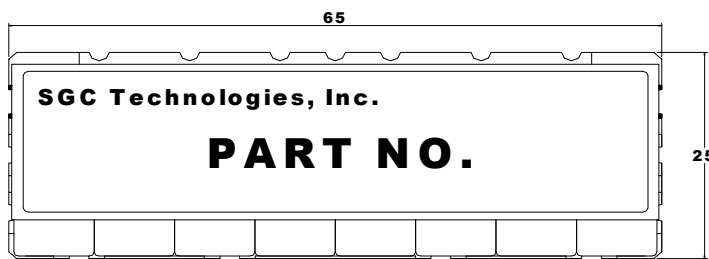
Center frequency	1867.5MHz
Pole	8
Band width (BW)	$F_o \pm 12.5\text{MHz}$
Insertion Loss	8.0 dB max
VSWR in BW	2.0 max
Ripple in BW	3.0 dB max
Attenuation	7 dBc min at $F_o \pm 15\text{MHz}$
In/Out Impedance	50 ohm

NOTE:

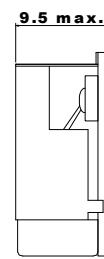
EQUIPMENT used :HP 8753D

DIMENSION:

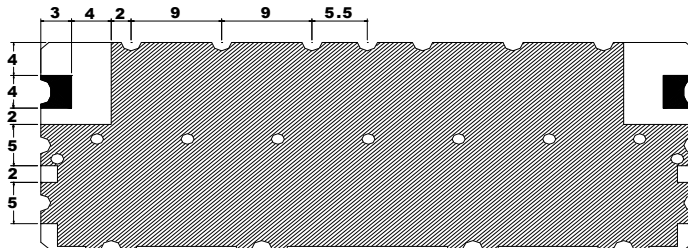
TOP VIEW



SIDE VIEW



BOTTOM VIEW

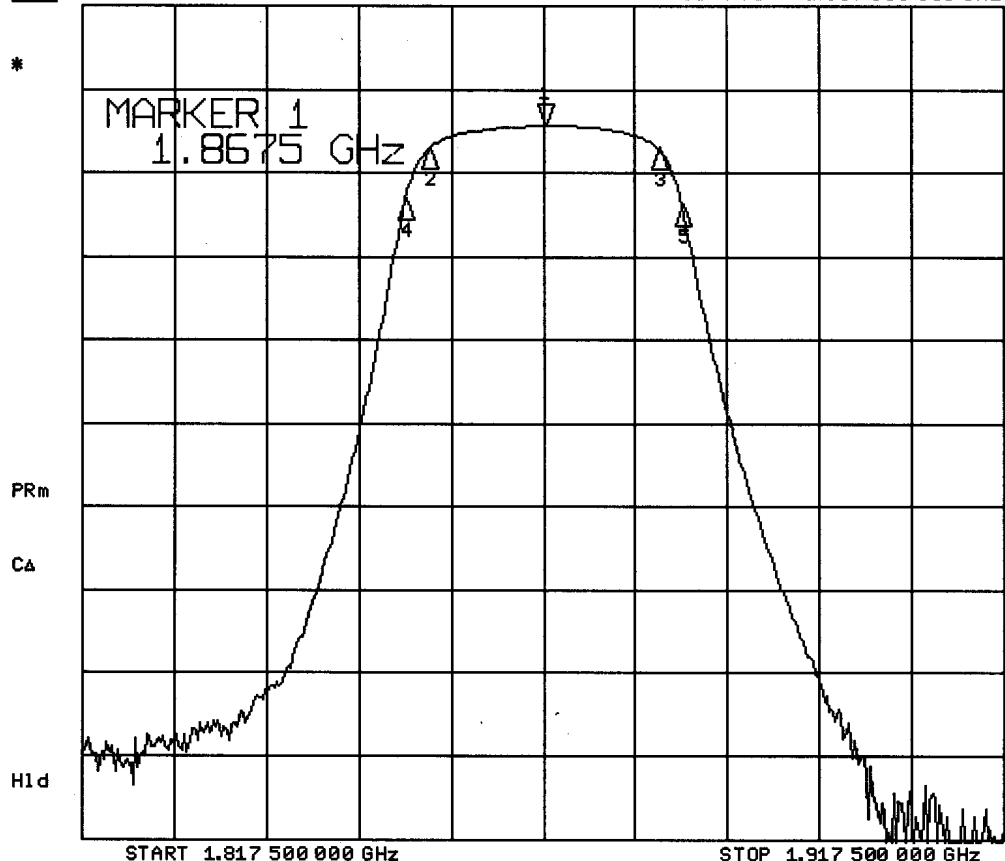


TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

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

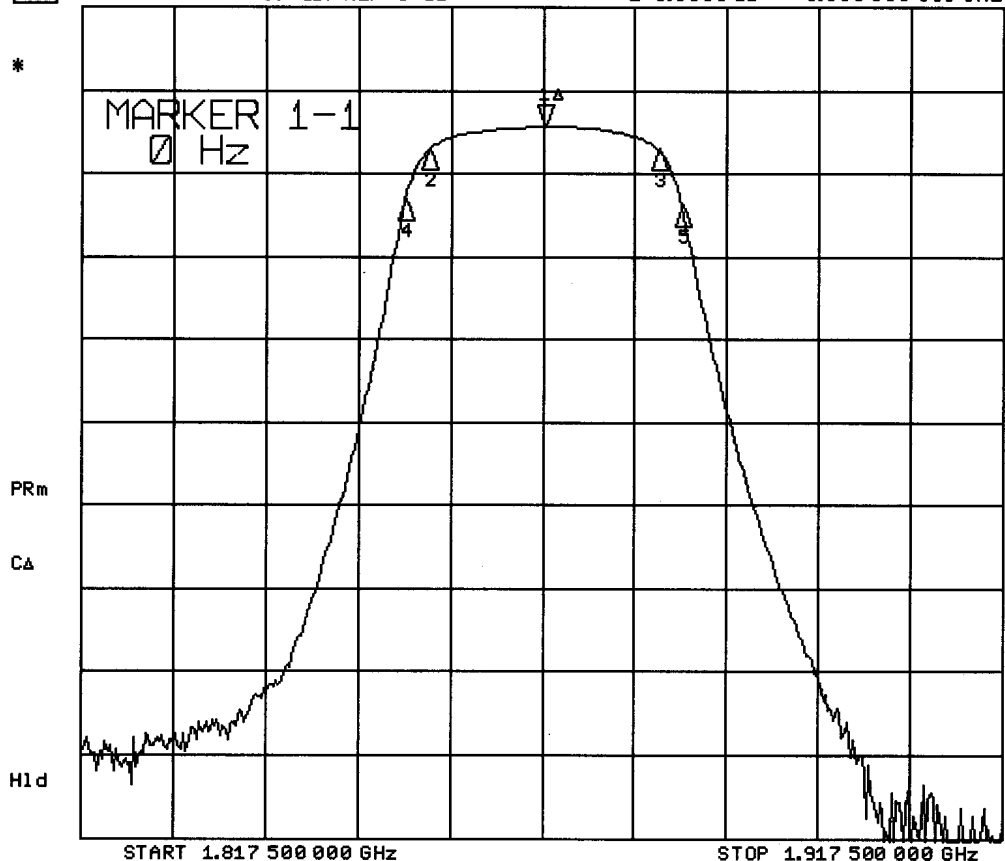
SBP-8R8-1867BP25G

CH2 S21 LOG 10 dB/REF 0 dB 1:-4.3890 dB 1.867500000 GHz



CH2 Markers
 2:-7.1380 dB
 1.85500 GHz
 3:-7.0860 dB
 1.88000 GHz
 4:-13.239 dB
 1.85250 GHz
 5:-13.903 dB
 1.88250 GHz

CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000000000 GHz



CH2 Markers
 ΔREF=1
 2:-2.7490 dB
 -12.5000 MHz
 3:-2.6970 dB
 12.5000 MHz
 4:-8.8490 dB
 -15.0000 MHz
 5:-9.5130 dB
 15.0000 MHz