

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-1887BP5M

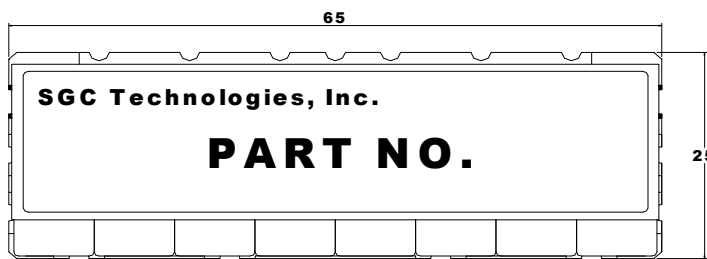
Center frequency	1887.5MHz
Pole	8
Band width (BW)	$F_o \pm 2.5\text{MHz}$
Insertion Loss (F_o)	12.0 dB max
VSWR in BW	2.0 max
Ripple in BW	2.0 dB max
Attenuation	30 dBc min at $F_o \pm 15\text{MHz}$
In/Out Impedance	50 ohm

NOTE:

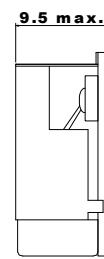
EQUIPMENT used :HP 8753D

DIMENSION:

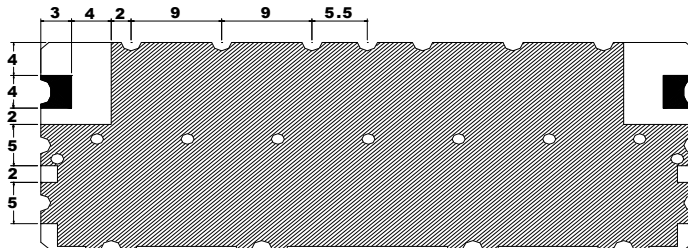
TOP VIEW



SIDE VIEW



BOTTOM VIEW

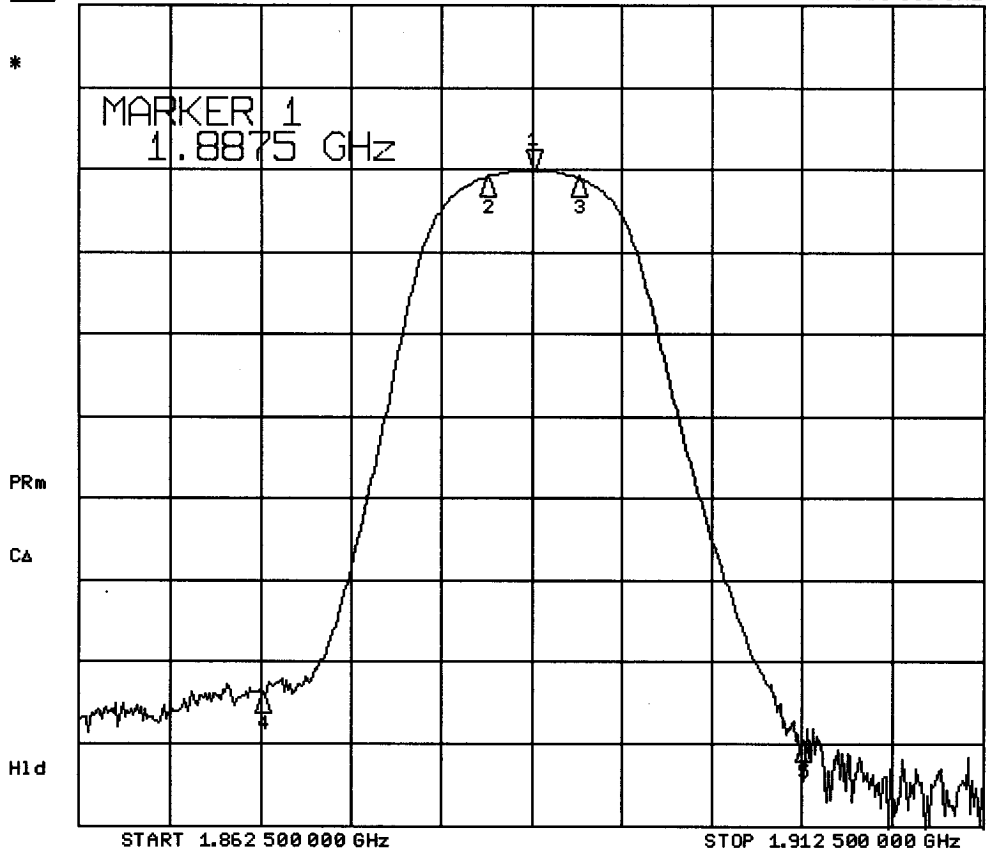


TOLERANCE UNLESS OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm

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

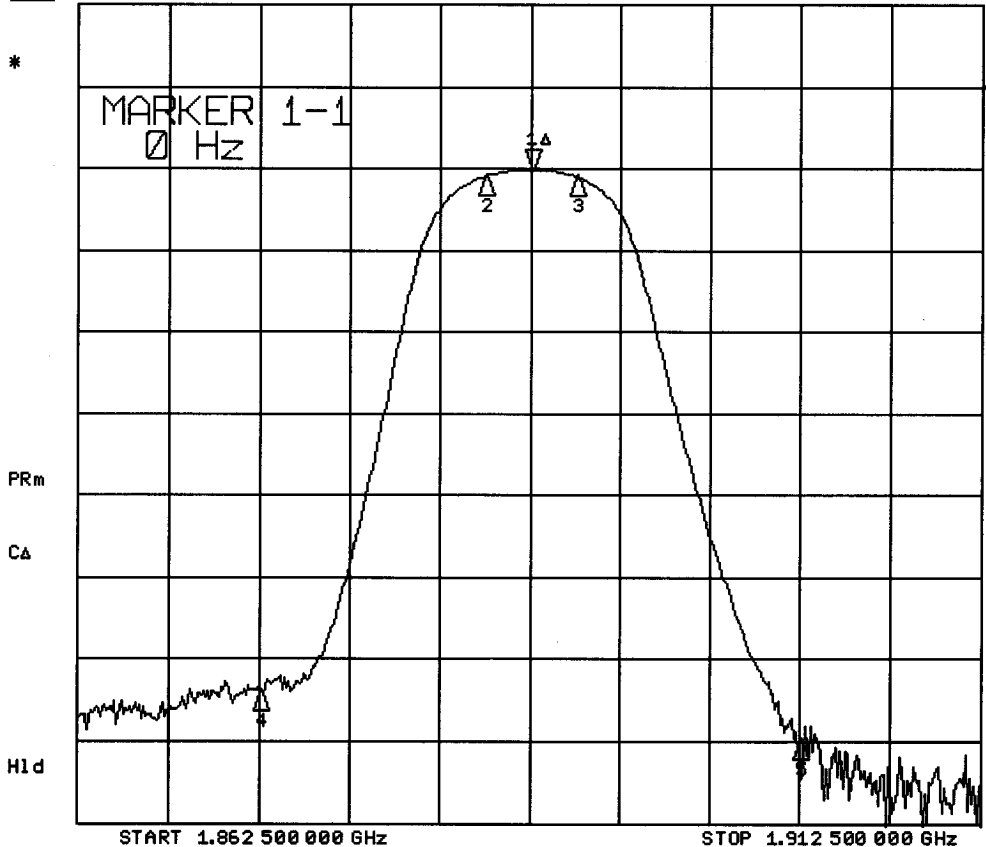
SBP-8R8-1887BP5M

CH2 S21 LOG 10 dB/REF 0 dB 1:-10.143 dB 1.887500 000 GHz



CH2 Markers
2:-10.962 dB
1.88500 GHz
3:-11.008 dB
1.89000 GHz
4:-73.881 dB
1.87250 GHz
5:-79.815 dB
1.90250 GHz

CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz



CH2 Markers
ΔREF=1
2:-81.900 dB
-2.50000 MHz
3:-86.500 dB
2.50000 MHz
4:-63.738 dB
-15.0000 MHz
5:-69.672 dB
15.0000 MHz