

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-2140BP60M

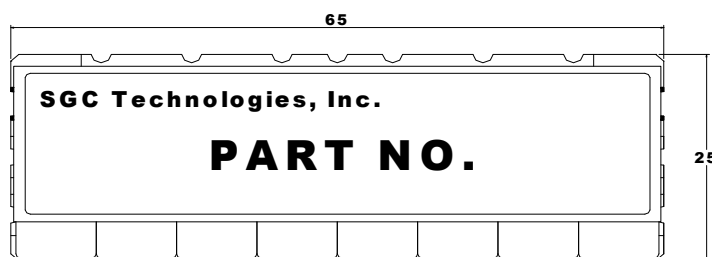
Center frequency	2140MHz
Pole	8
Band width (BW)	$F_o \pm 30\text{MHz}$
Insertion Loss (F_o)	8.0 dB max
VSWR in BW	2.0 max
Ripple in BW	1.5 dB max
Attenuation	60 dB min at 1920MHz ~ 1980MHz
In/Out Impedance	50 ohm

NOTE:

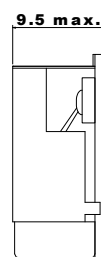
EQUIPMENT used :HP 8753D

DIMENSION:

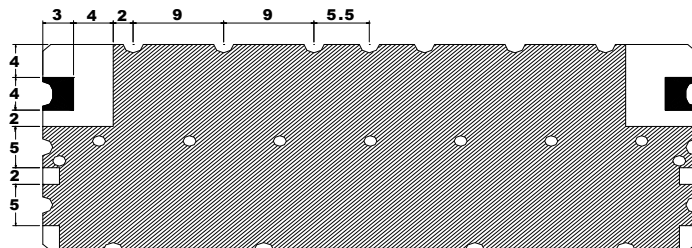
TOP VIEW



SIDE VIEW



BOTTOM VIEW



**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm**

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

SBP-8R8-2140BP60M

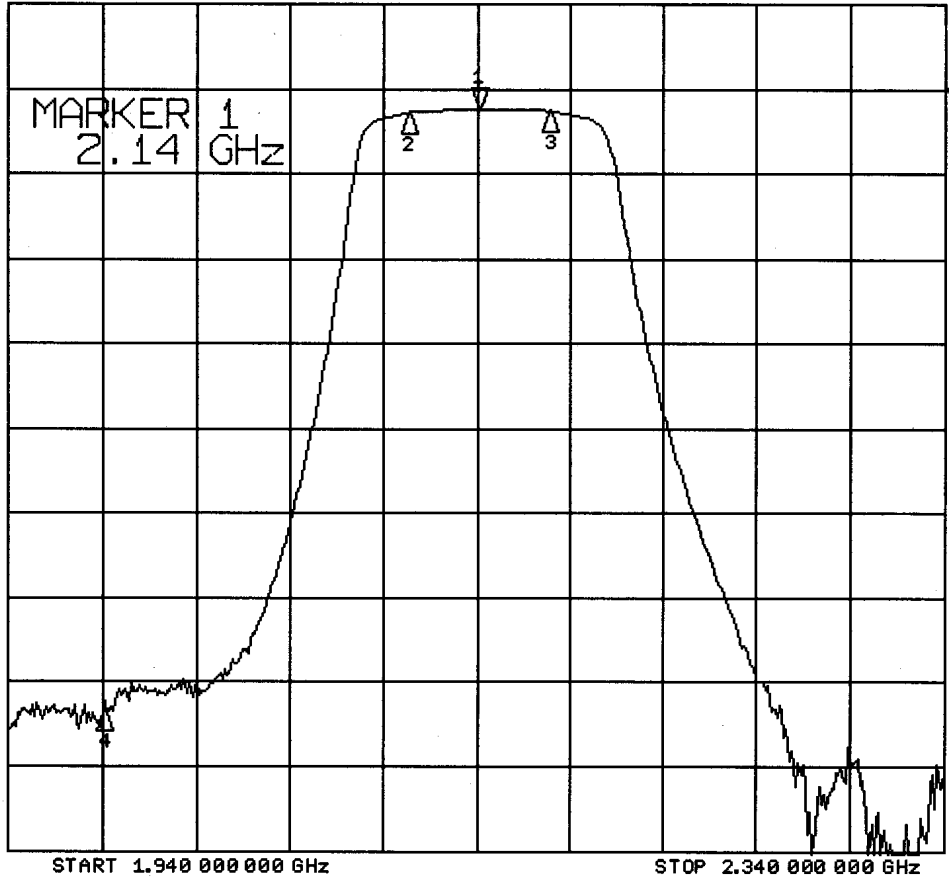
CH2 S21 LOG 10 dB/REF 0 dB 1:-2.4740 dB 2.140 000 000 GHz

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PRm

CA

H1d



CH2 Markers

2:-2.8670 dB
2.11000 GHz

3:-2.6150 dB
2.17000 GHz

4:-73.487 dB
1.98000 GHz

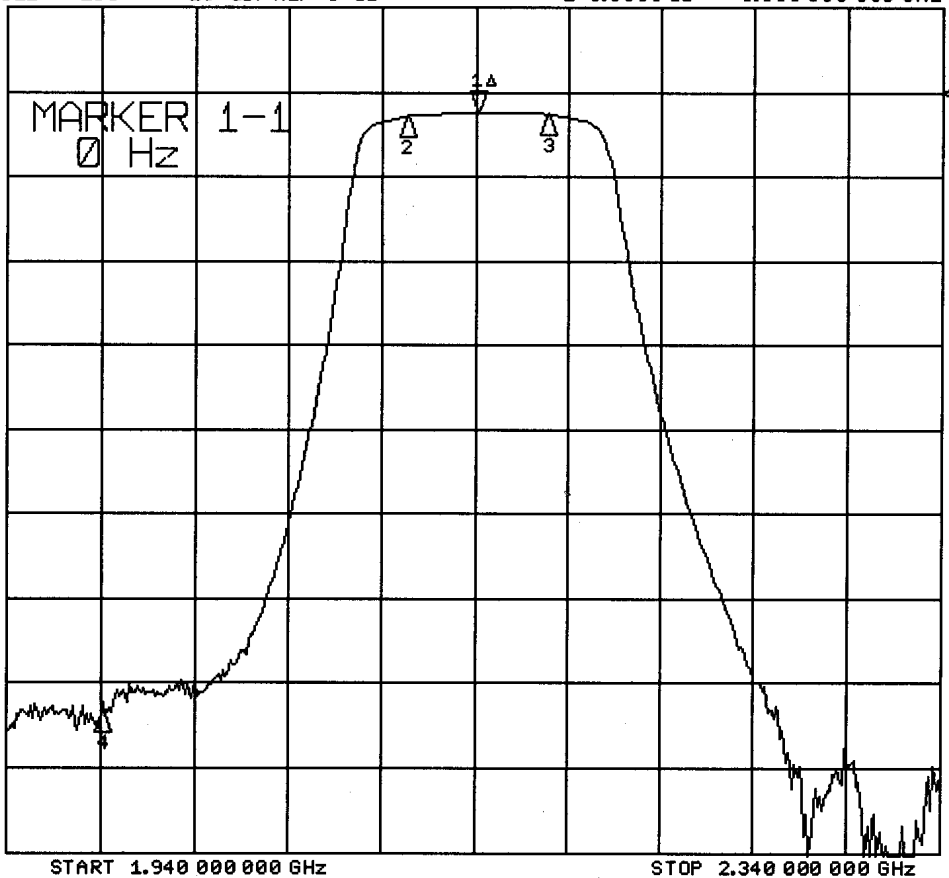
CH2 S21 LOG 10 dB/REF 0 dB 1:0.0000 dB 0.000 000 000 GHz

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PRm

CA

H1d



CH2 Markers

ΔREF=1
2:-.39200 dB
-30.0000 MHz

3:-.14100 dB
30.0000 MHz

4:-71.012 dB
-160.000 MHz