

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-6R6 TYPE

PART NO: SBP-6R6-1200BP25B

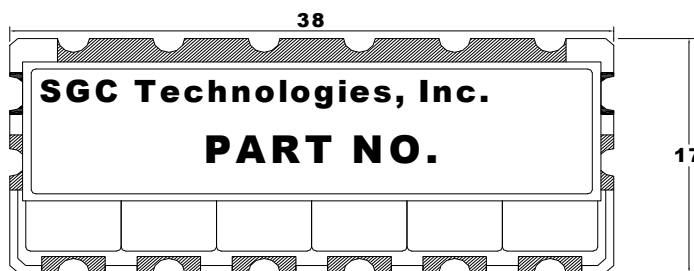
Center frequency	1200MHz
Pole	6
Bandwidth(BW)	Fo ±12.5 MHz
Insertion Loss	5.9 dB max
VSWR in BW	1.5 max
Ripple in BW	0.75 dB max
Attenuation	4dBc min at 1180 MHz & 1220 MHz
	60dBc min at 900 MHz
	60dBc min at 1125 MHz
	60dBc min at 1275 MHz
In/Out Impedance	50 ohm

NOTE:

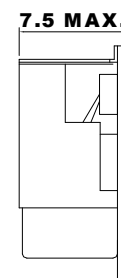
EQUIPMENT used :HP 8753E

DIMENSION:

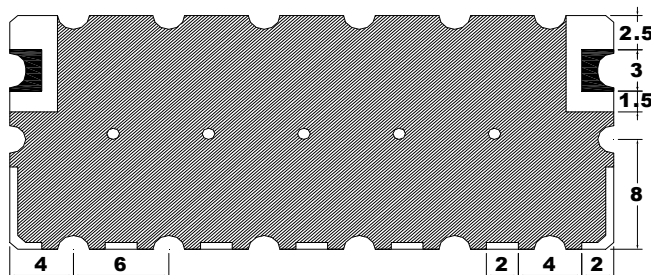
TOP VIEW



SIDE VIEW



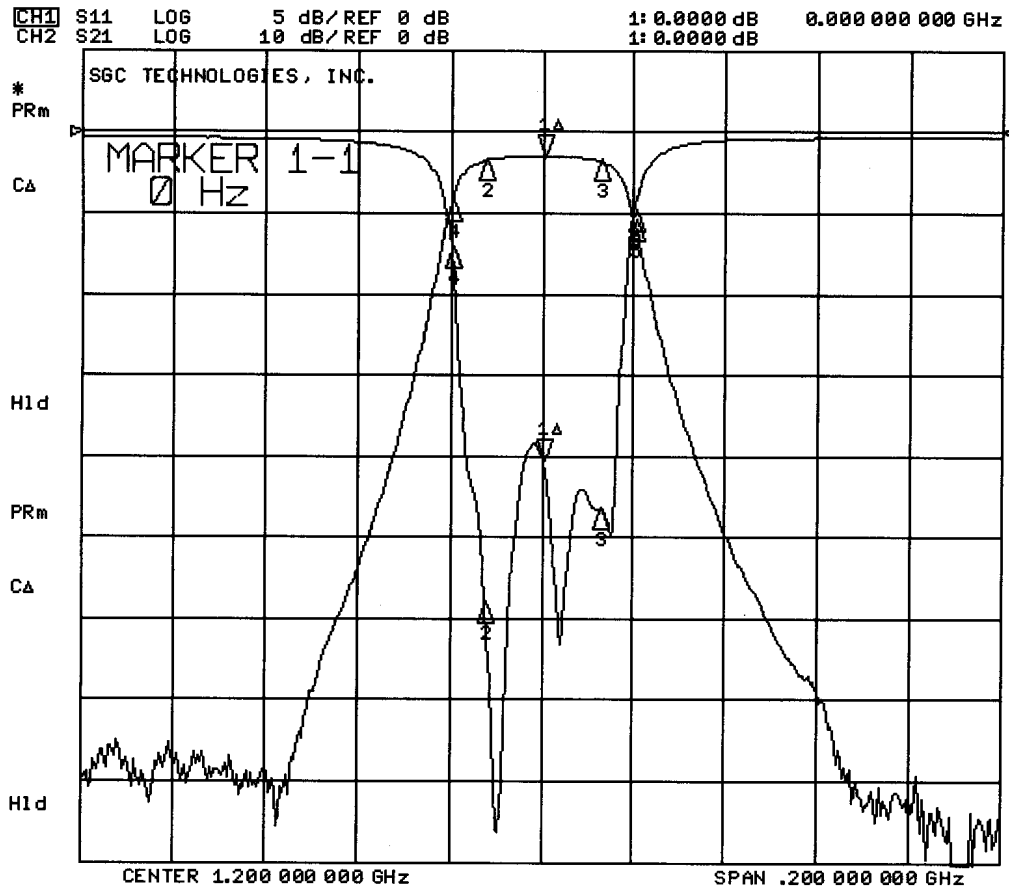
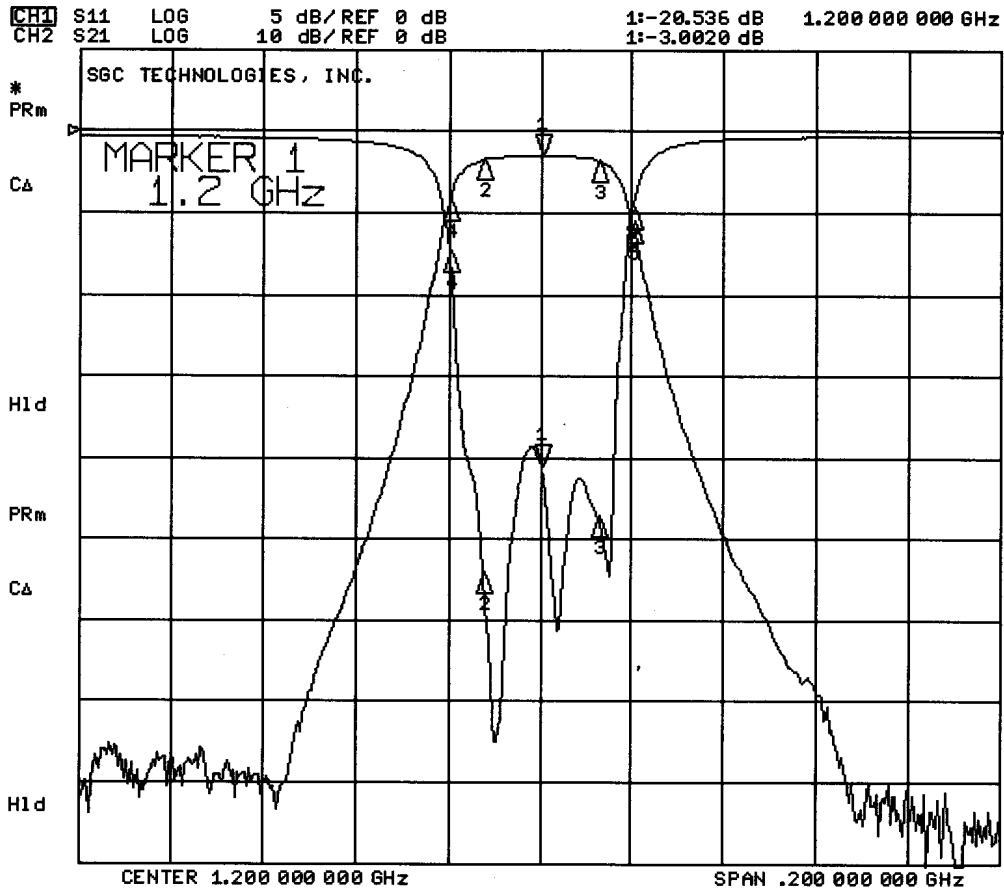
BOTTOM VIEW



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

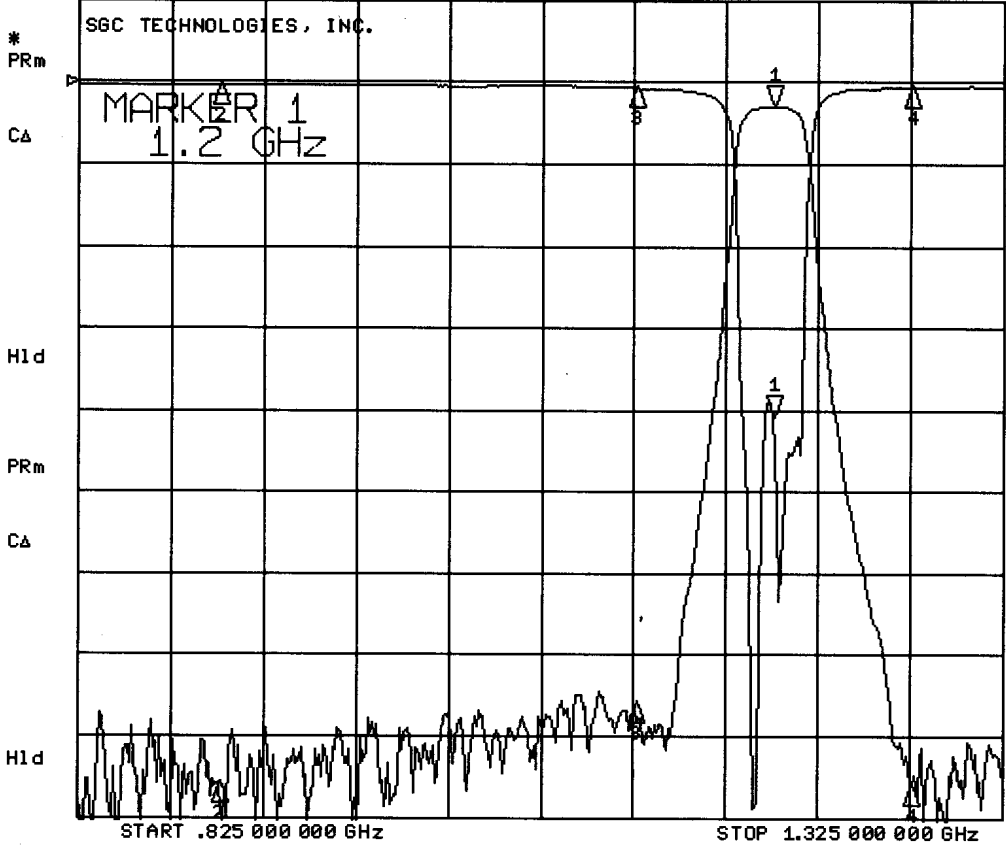
 **GROUND**
 **I/O PORT**

SBP-6R6-1200BP25B



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CH1 S11 LOG 5 dB/REF 0 dB 1:-20.384 dB 1.200 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-3.0100 dB



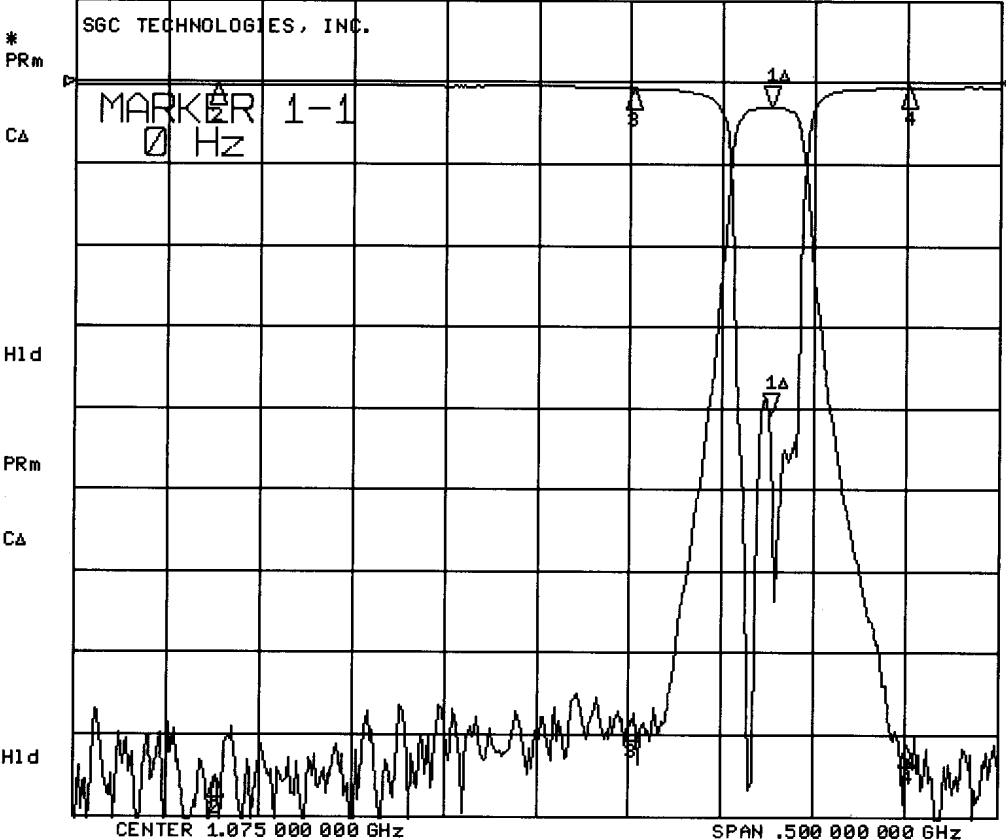
CH1 Markers

- 2:-20.100 dB
900.000 MHz
- 3:-36.100 dB
1.12500 GHz
- 4:-30.900 dB
1.27500 GHz

CH2 Markers

- 2:-85.871 dB
900.000 MHz
- 3:-75.940 dB
1.12500 GHz
- 4:-86.120 dB
1.27500 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: 20.147 dB
-300.000 MHz
- 3: 19.987 dB
-75.000 MHz
- 4: 20.044 dB
75.000 MHz

CH2 Markers

- 2:-82.319 dB
-300.000 MHz
- 3:-75.463 dB
-75.000 MHz
- 4:-78.573 dB
75.000 MHz