

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-6R6 TYPE

PART NO: SBP-6R6-2505BP350M

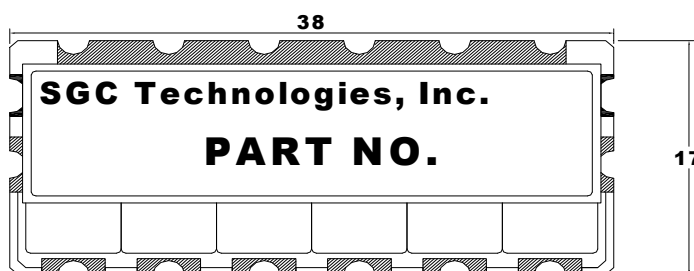
Center frequency	2505MHz
Pole	6
Band width (BW)	350MHz
Insertion Loss	2.5 dB max
VSWR in BW	2.0 max
Ripple in BW	1.0 dB max
Attenuation	40dB min at 1930MHz
	40dB min at 3080MHz
In/Out Impedance	50 ohm

NOTE:

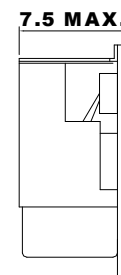
EQUIPMENT used :HP 8753E

DIMENSION:

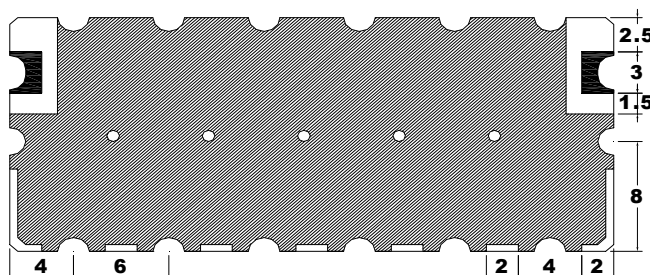
TOP VIEW



SIDE VIEW



BOTTOM VIEW

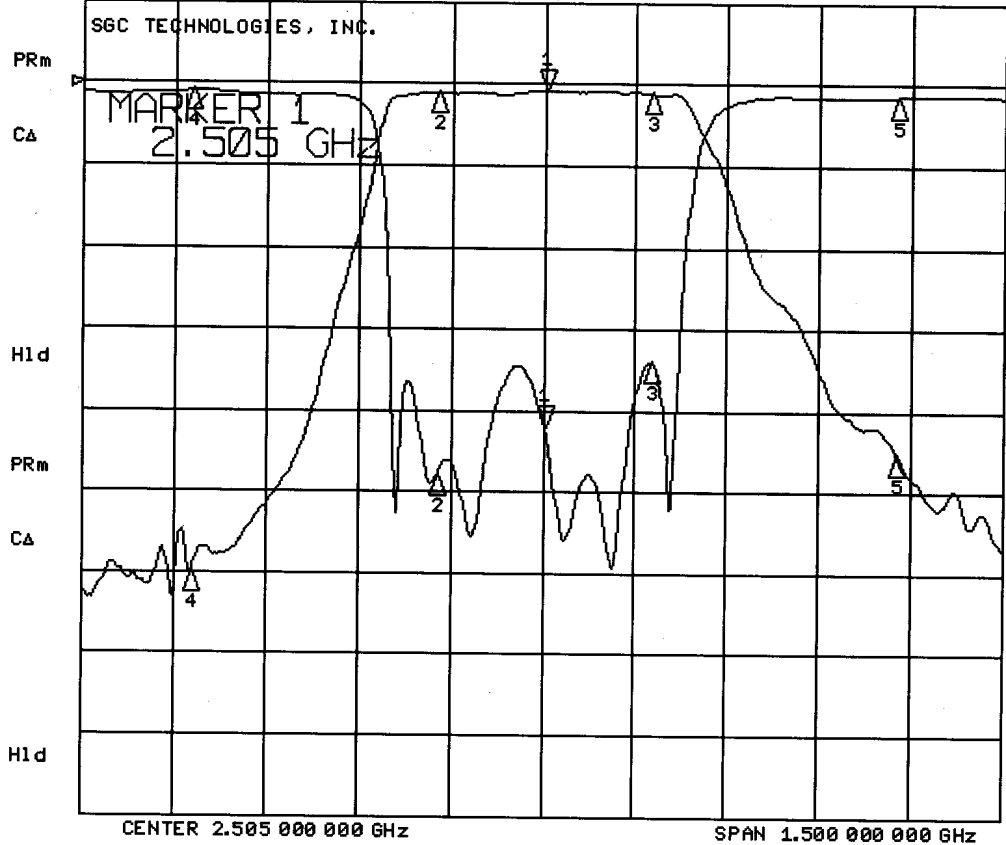


TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

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

SBP-6R6-2505BP350M

CH1 S11 LOG 5 dB/REF 0 dB 1:-20.948 dB 2.505 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-.93800 dB



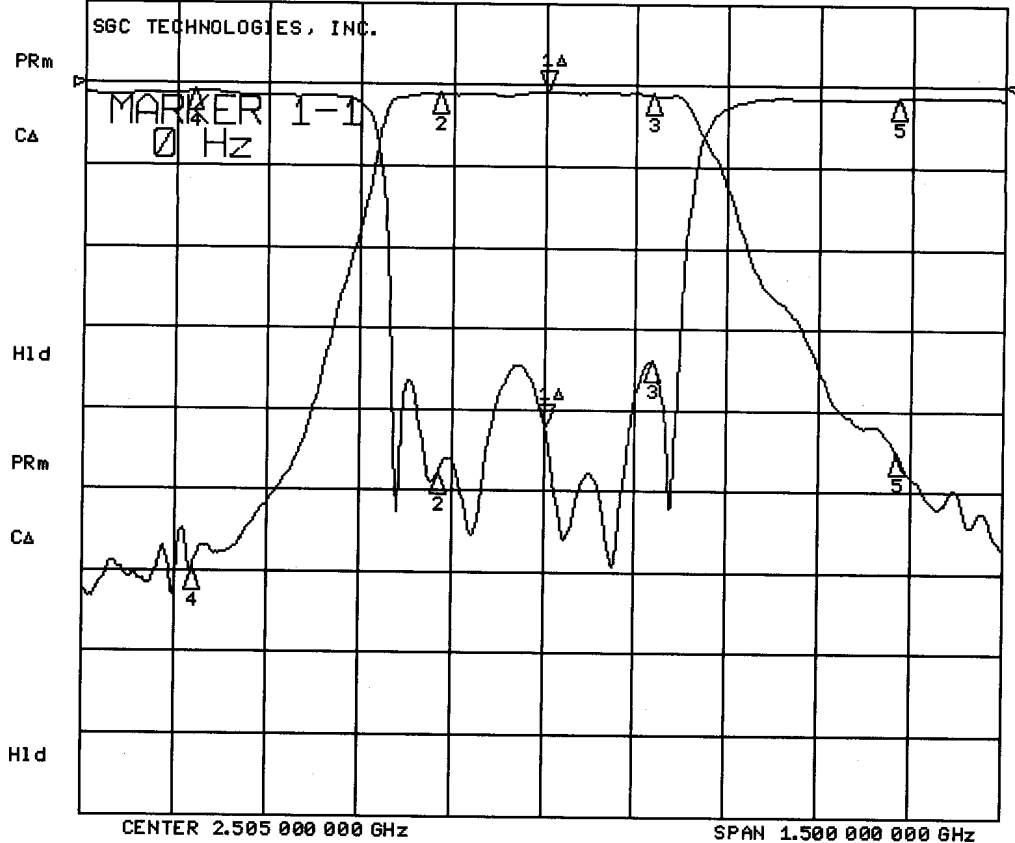
CH1 Markers

- 2:-23.953 dB
2.33000 GHz
- 3:-16.991 dB
2.68000 GHz
- 4:-47.400 dB
1.93000 GHz
- 5:-7.3800 dB
3.08000 GHz

CH2 Markers

- 2:-1.1180 dB
2.33000 GHz
- 3:-1.1460 dB
2.68000 GHz
- 4:-59.971 dB
1.93000 GHz
- 5:-45.258 dB
3.08000 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:-3.0050 dB
-175.000 MHz
- 3: 3.9570 dB
175.000 MHz
- 4: 20.473 dB
-575.000 MHz
- 5: 20.209 dB
575.000 MHz

CH2 Markers

- 2:-1.8000 dB
-175.000 MHz
- 3:-2.0800 dB
175.000 MHz
- 4:-59.033 dB
-575.000 MHz
- 5:-44.320 dB
575.000 MHz