

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-6R6 TYPE

PART NO: SBP-6R6-1770BP280M

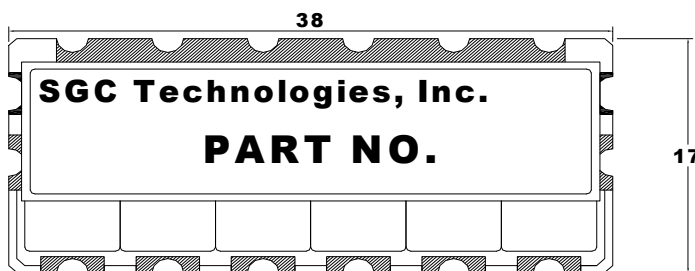
Center frequency	1770MHz
Pole	6
Band width (BW)	280MHz
Insertion Loss	2.0 dB max
VSWR in BW	2.0 max
Ripple in BW	1.0 dB max
Attenuation	40dB min at 1230MHz
	40dB min at 2310MHz
In/Out Impedance	50 ohm

NOTE:

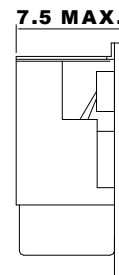
EQUIPMENT used :HP 8753E

DIMENSION:

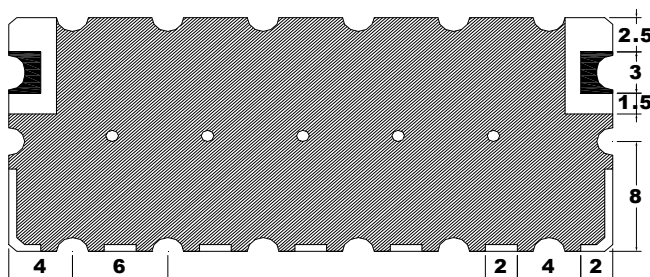
TOP VIEW



SIDE VIEW



BOTTOM VIEW

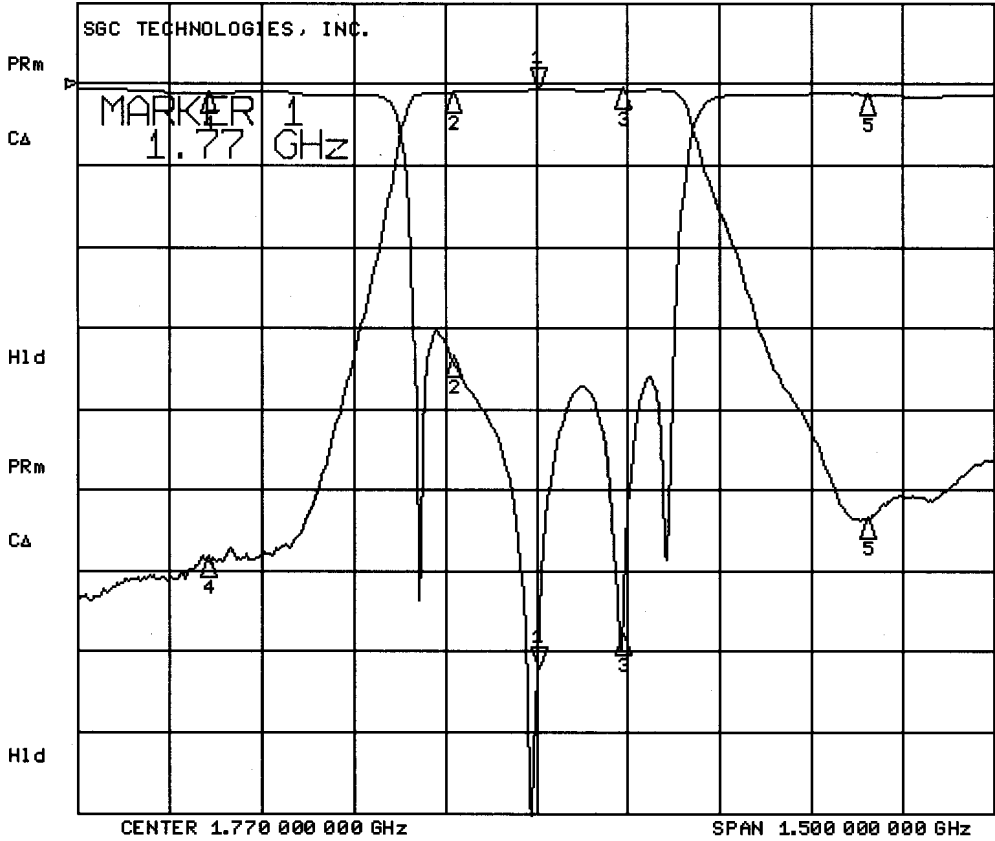


**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm**

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

SBP-6R6-1770BP280M

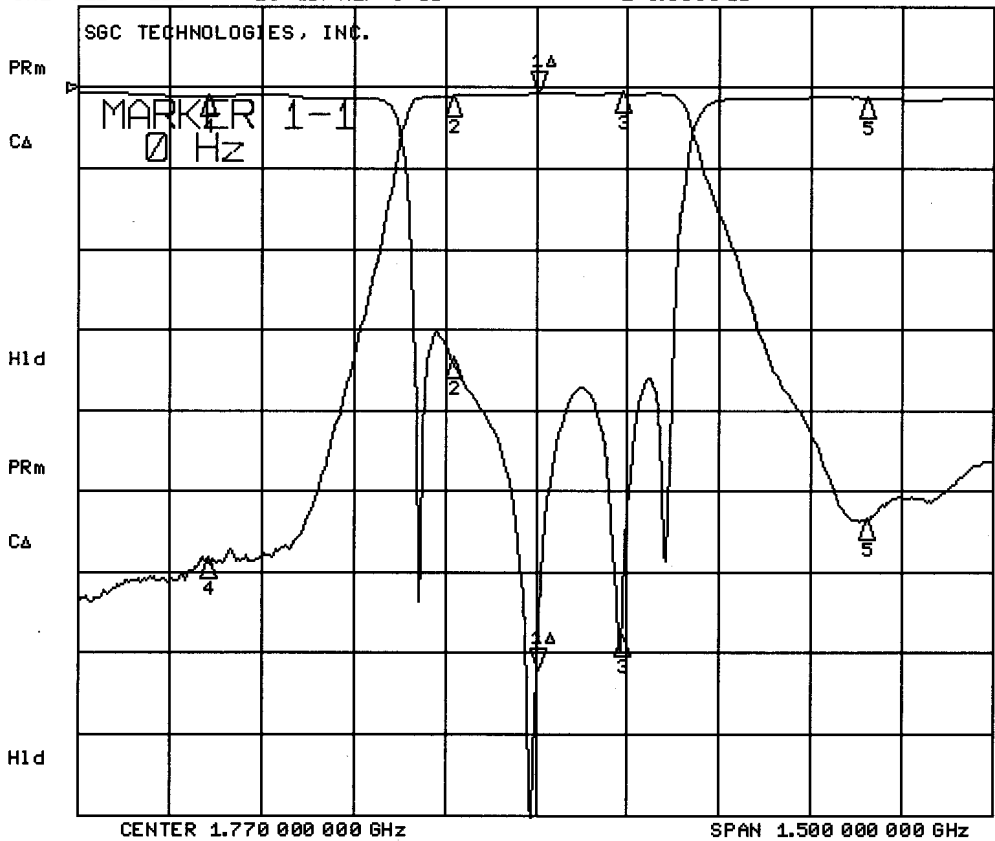
CH1 S11 LOG 5 dB/REF 0 dB 1: -36.086 dB 1.770 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 1: -69900 dB



CH1 Markers
 2: -16.834 dB
 1.63000 GHz
 3: -33.960 dB
 1.91000 GHz
 4: -.51200 dB
 1.23000 GHz
 5: -.61400 dB
 2.31000 GHz

CH2 Markers
 2: -1.0050 dB
 1.63000 GHz
 3: -.68400 dB
 1.91000 GHz
 4: -58.391 dB
 1.23000 GHz
 5: -53.427 dB
 2.31000 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: 19.252 dB
 -140.000 MHz
 3: 2.1260 dB
 140.000 MHz
 4: 35.573 dB
 -540.000 MHz
 5: 35.471 dB
 540.000 MHz

CH2 Markers
 2: -.30500 dB
 -140.000 MHz
 3: .01500 dB
 140.000 MHz
 4: -57.691 dB
 -540.000 MHz
 5: -52.727 dB
 540.000 MHz