

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-TYPE

PART NO: SBP-4R3-1760BP20A

Parameter	Specification
Center frequency	1760MHz
Bandwidth(BW)	Fo ± 10MHz
Insertion Loss In BW	3.0dB max
Ripple in BW	0.3dB max
VSWR in BW	1.5 max
Attenuation	30dB min FO-62.5 MHz
Input Power	3W
In/Out Impedance	50 ohm

NOTE:EQUIPMENT used :HP 8753E

DIMENSION:

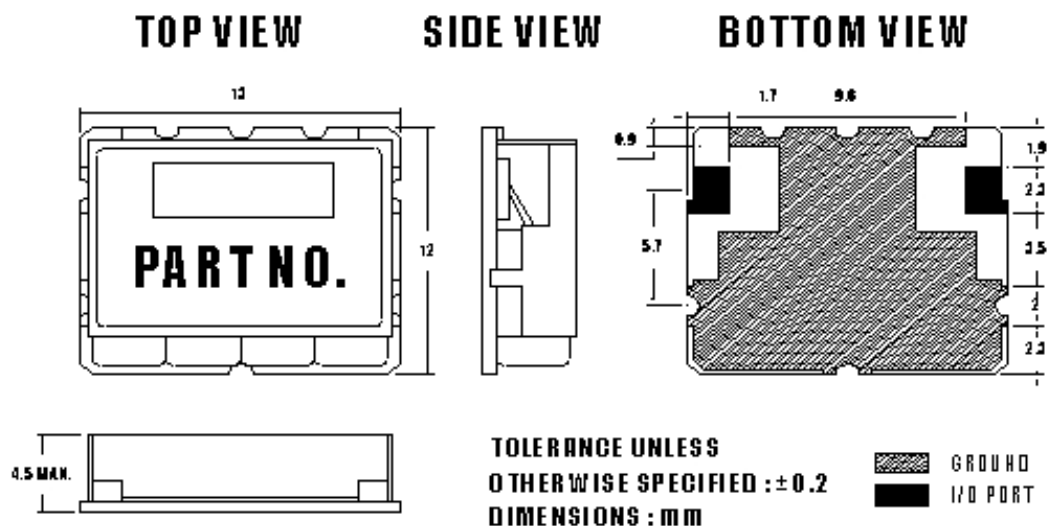
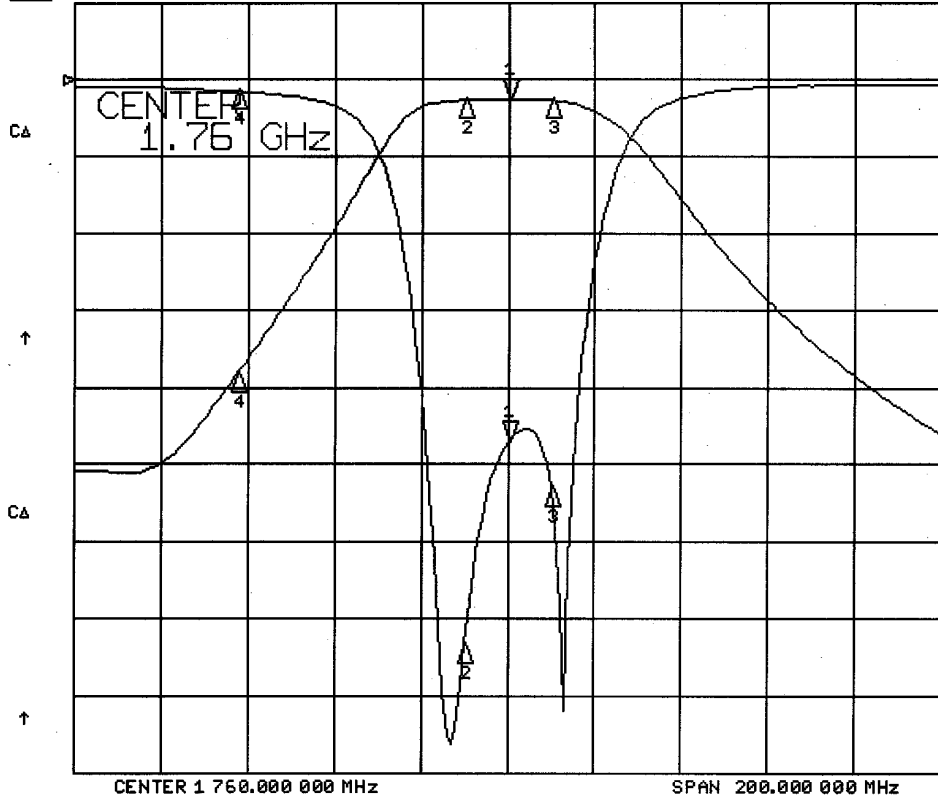


Diagram A

SBP-4R3-1760BP20A

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CH1 S11 LOG 5 dB/REF 0 dB 1:-23.512 dB  
 CH2 S21 LOG 10 dB/REF 0 dB 1:-2.5074 dB 1 760.000 000 MHz

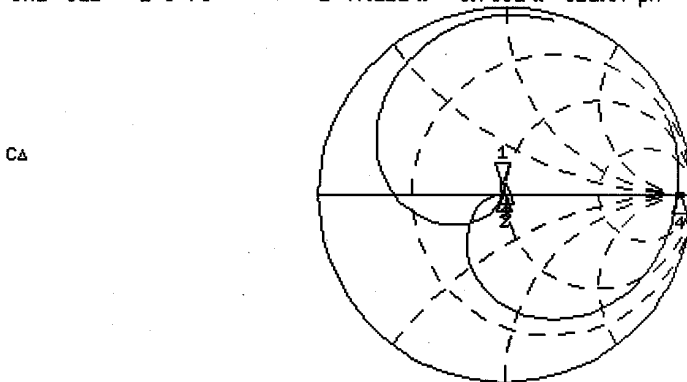


CH1 Markers  
 2:-36.585 dB  
 1.75000 GHz  
 3:-26.576 dB  
 1.77000 GHz  
 4:-70.510 dB  
 1.69750 GHz

CH2 Markers  
 2:-2.6338 dB  
 1.75000 GHz  
 3:-2.6352 dB  
 1.77000 GHz  
 4:-38.152 dB  
 1.69750 GHz

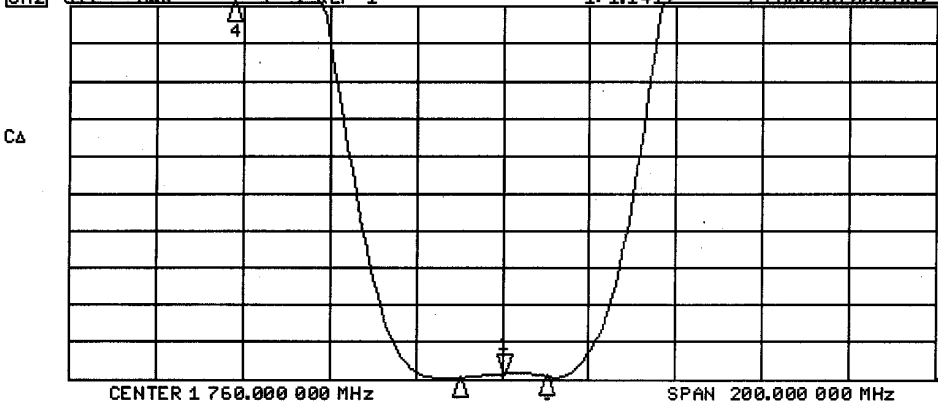
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CH1 S11 1 U FS 1: 47.211  $\Omega$  5.7832  $\Omega$  522.97  $\mu$ H 1 760.000 000 MHz



CH1 Markers  
 2: 48.574  $\Omega$   
 0.4824  $\Omega$   
 1.75000 GHz  
 3: 49.258  $\Omega$   
 4.4863  $\Omega$   
 1.77000 GHz  
 4: 1.2166 k $\Omega$   
 -24.438  $\Omega$   
 1.69750 GHz

CH2 S11 SWR 1 / REF 1 1: 1.1412 1 760.000 000 MHz



CH2 Markers  
 2: 1.0310  
 1.75000 GHz  
 3: 1.0959  
 1.77000 GHz  
 4: 24.358  
 1.69750 GHz