

SGC Technologies, Inc.

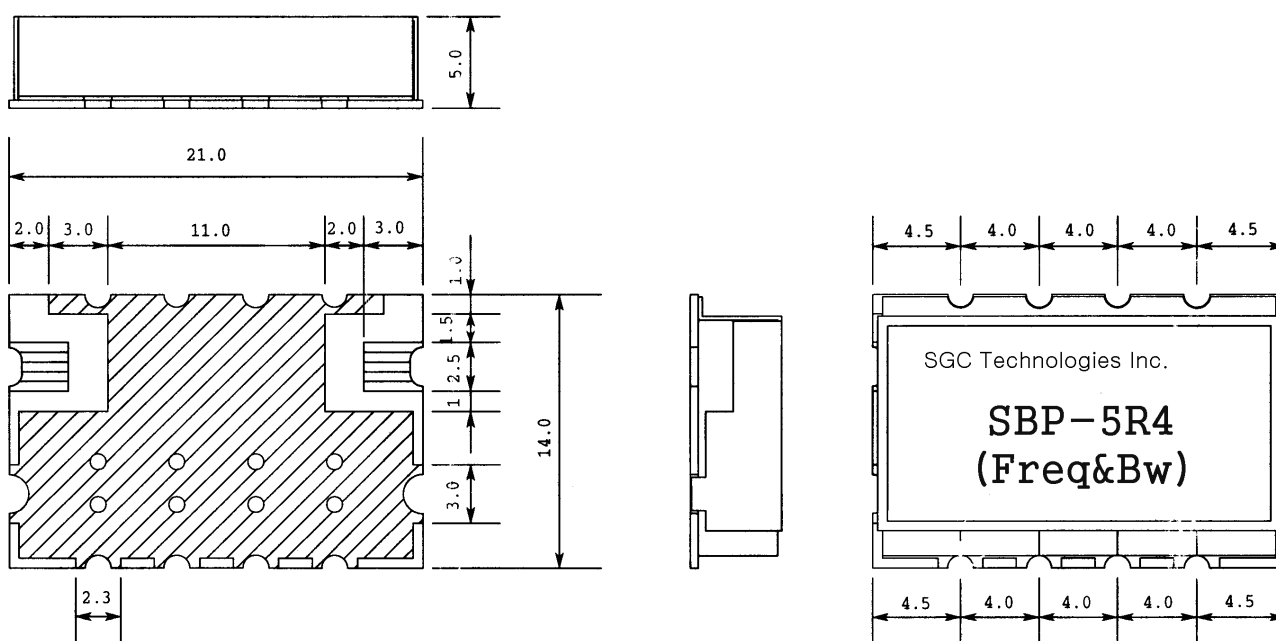
PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-5R4 TYPE

PART NO: SBP-5R4-3280BP56H

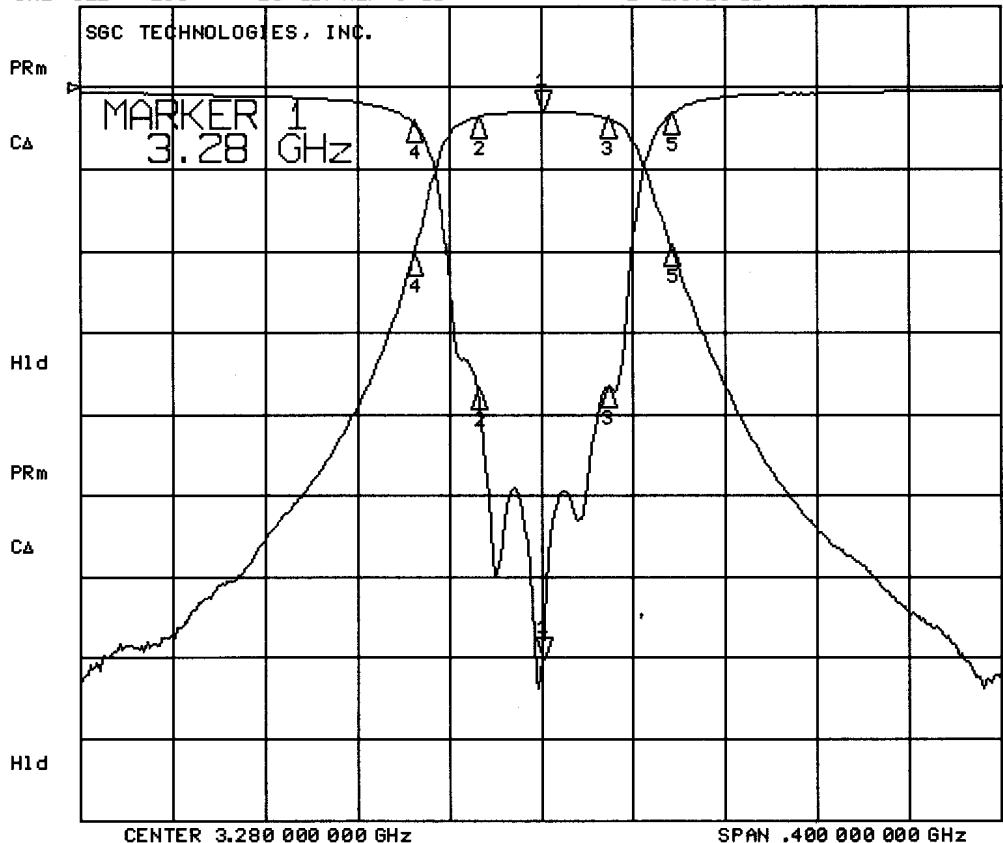
Center frequency(F_o)	3280 MHz
Pole	5
Bandwidth(BW)	$F_o \pm 28$ MHz
Insertion Loss (F_o)	4.0 dB max
VSWR in BW	1.5 max
Ripple in BW	1.0dB max
Linear Group Delay	5 ns max
Attenuation	5 dBc min at $F_o \pm 56$ MHz 30 dBc min at $F_o \pm 140$ MHz 57 dBc min at $F_o \pm 280$ MHz
In/Out Impedance	50 Ohm
Operating Temperature Range	Nomal Operation -40 to +75°C No Damage -55 to +85°C
Rate of Temperature Change	1°C / minute max

DIMENSION:



SBP-5R4-3280BP56H

CH1 S11 LOG 5 dB/REF 0 dB 1:-35.089 dB 3.280 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-2.9720 dB



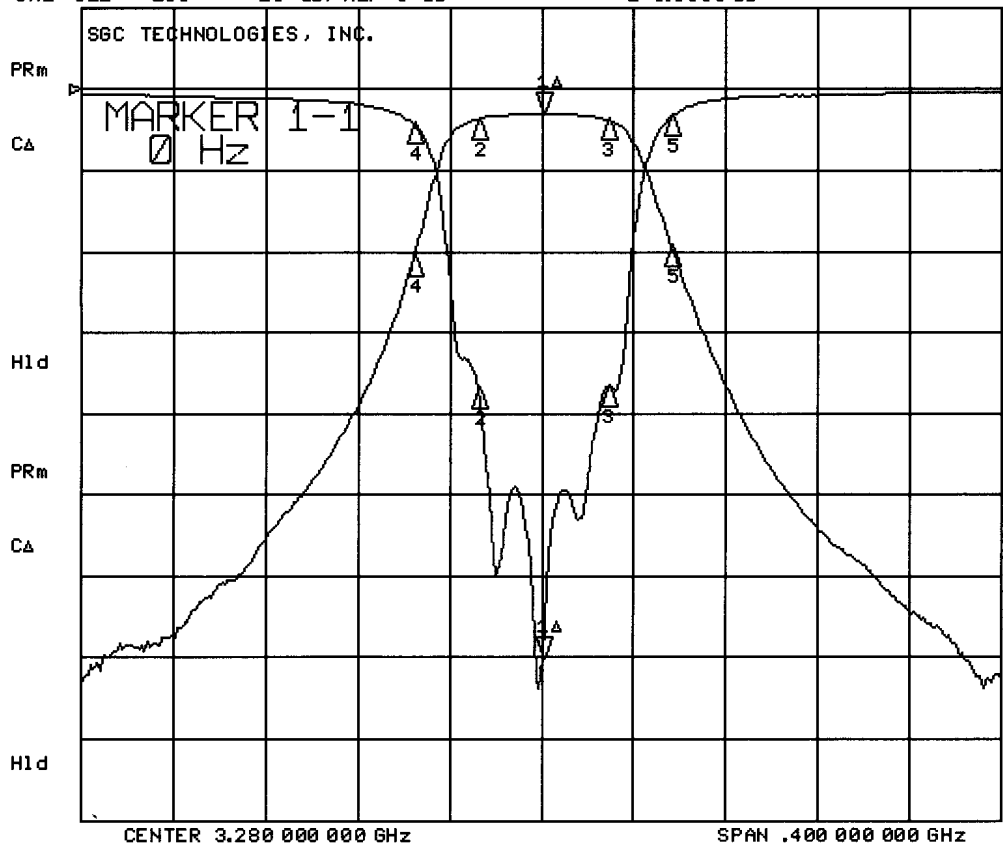
CH1 Markers

2:-18.443 dB
3.25200 GHz
3:-18.409 dB
3.30800 GHz
4:-2.1580 dB
3.22400 GHz
5:-1.6460 dB
3.33600 GHz

CH2 Markers

2:-3.6430 dB
3.25200 GHz
3:-3.7180 dB
3.30800 GHz
4:-20.713 dB
3.22400 GHz
5:-19.337 dB
3.33600 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

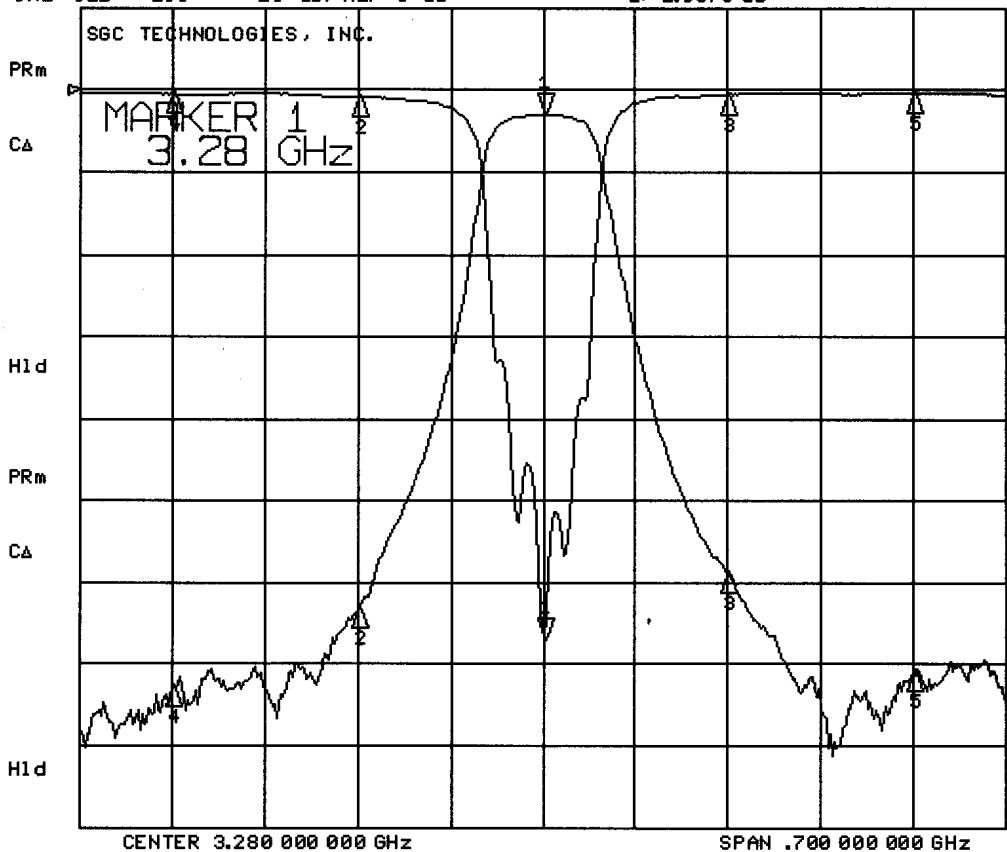
ΔREF=1
2:-16.646 dB
-28.0000 MHz
3: 16.679 dB
28.0000 MHz
4: 32.931 dB
-56.0000 MHz
5: 33.442 dB
56.0000 MHz

CH2 Markers

2:-.67100 dB
-28.0000 MHz
3:-.74500 dB
28.0000 MHz
4:-17.741 dB
-56.0000 MHz
5:-16.364 dB
56.0000 MHz

SBP-5R4-3280BP56H

CH1 S11 LOG 5 dB/REF 0 dB 1:-33.561 dB 3.280 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-2.9670 dB



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

