

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R3 TYPE

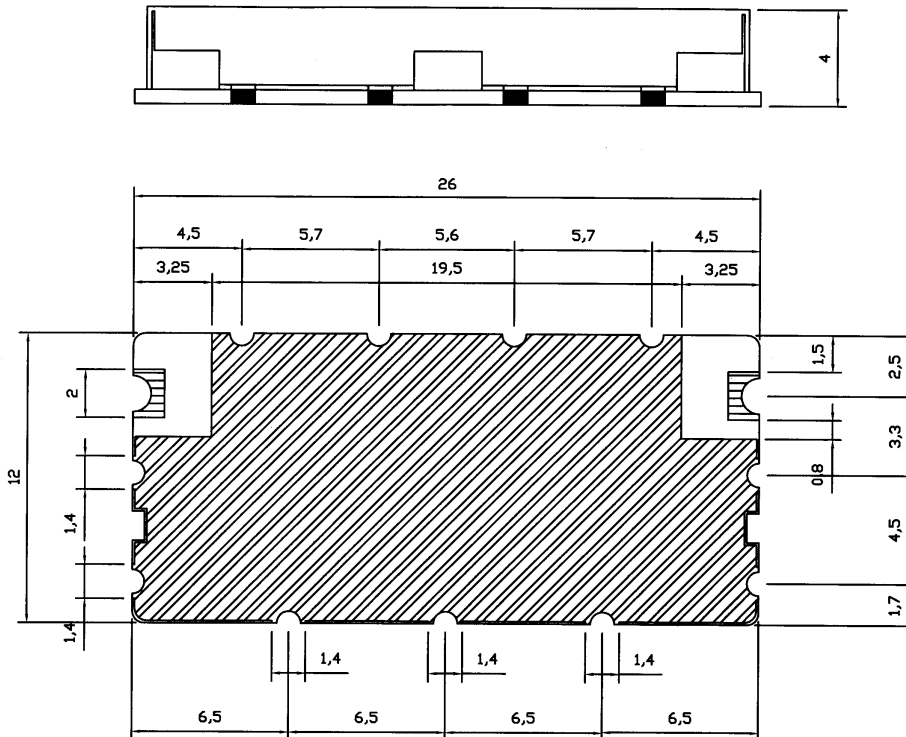
PART NO: SBP-8R3-2225BP350M

| | |
|------------------|----------------------|
| Center frequency | 2225MHz |
| Pole | 8 |
| Band width (BW) | 350MHz |
| Insertion Loss | 3.0 dB max |
| VSWR in BW | 2.0 max |
| Ripple in BW | 1.2 dB max |
| Attenuation | 40dB min at 1935 MHz |
| | 30dB min at 2558 MHz |
| In/Out Impedance | 50 ohm |

NOTE:

EQUIPMENT used :HP 8753E

DIMENSION:

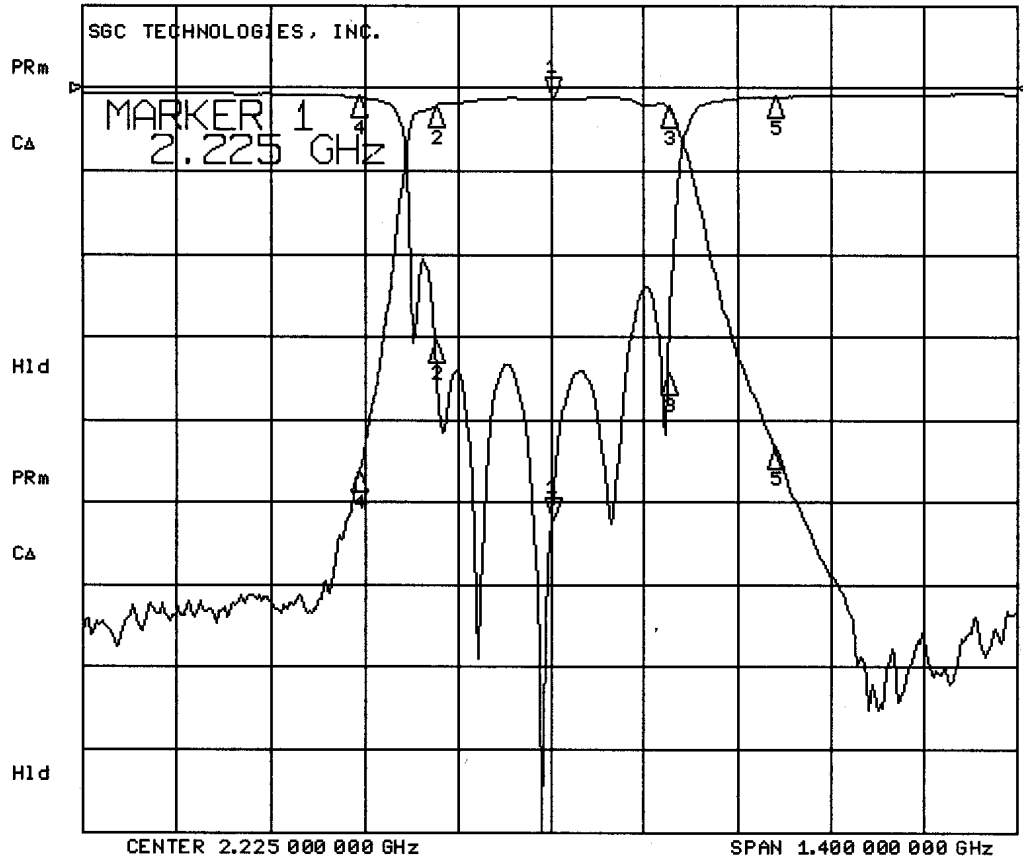


TOLLRANCE UNLESS OTHERWISE SPECIFIED : +/- 0.3

UNIT : mm

SBP-8R3-2225BP350M

CH1 S11 LOG 5 dB/REF 0 dB 1:-26.099 dB 2.225 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-1.2360 dB



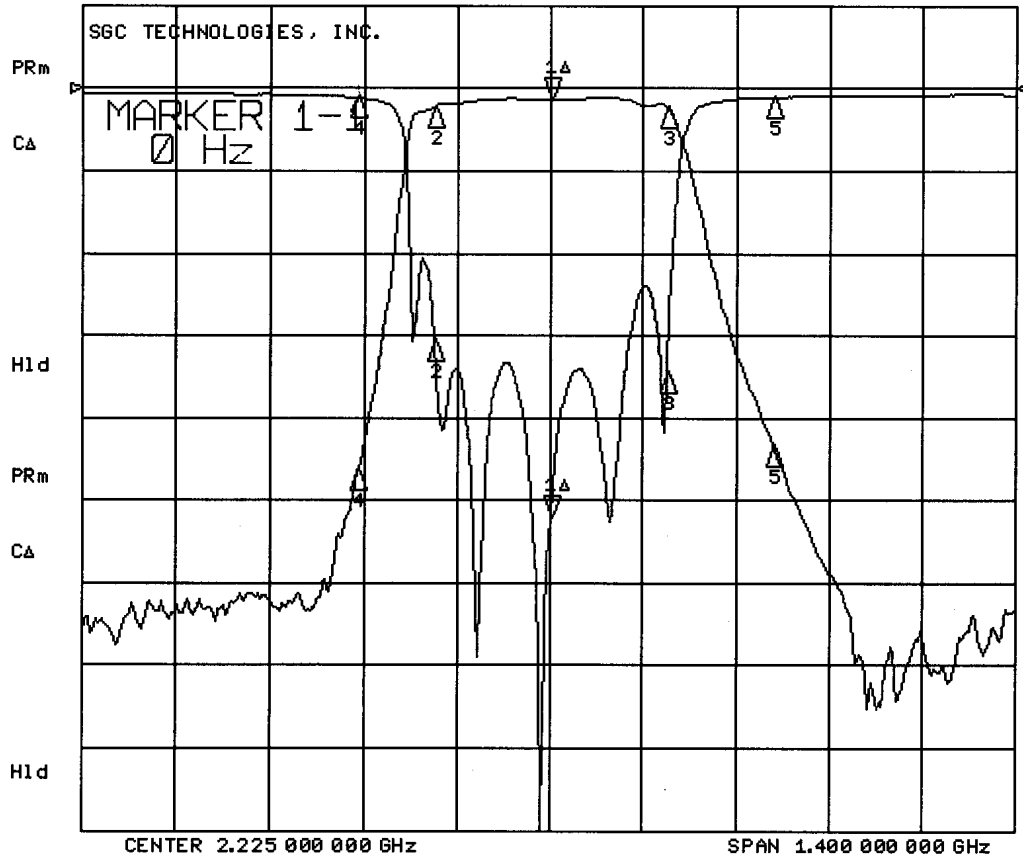
CH1 Markers

- 2:-15.307 dB
2.05000 GHz
- 3:-17.223 dB
2.40000 GHz
- 4:-53.400 dB
1.93500 GHz
- 5:-52.300 dB
2.55800 GHz

CH2 Markers

- 2:-2.2010 dB
2.05000 GHz
- 3:-2.2280 dB
2.40000 GHz
- 4:-46.360 dB
1.93500 GHz
- 5:-43.354 dB
2.55800 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

- Δ REF=1
- 2: 10.792 dB
-175.000 MHz
- 3: 8.8760 dB
175.000 MHz
- 4: 25.565 dB
-290.000 MHz
- 5: 25.575 dB
333.000 MHz

CH2 Markers

- 2:-.96400 dB
-175.000 MHz
- 3:-.99100 dB
175.000 MHz
- 4:-45.123 dB
-290.000 MHz
- 5:-42.117 dB
333.000 MHz