

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R3 TYPE

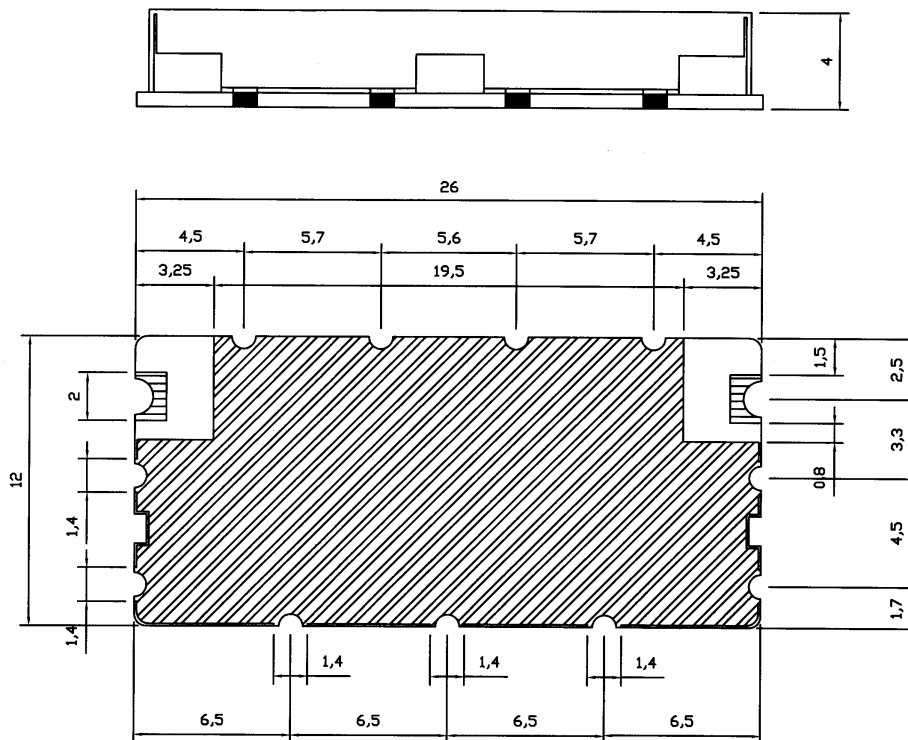
PART NO: SBP-8R3-2505BP350M

Center frequency	2505MHz
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 2215 MHz
	30dB min at 2833 MHz
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

DIMENSION:

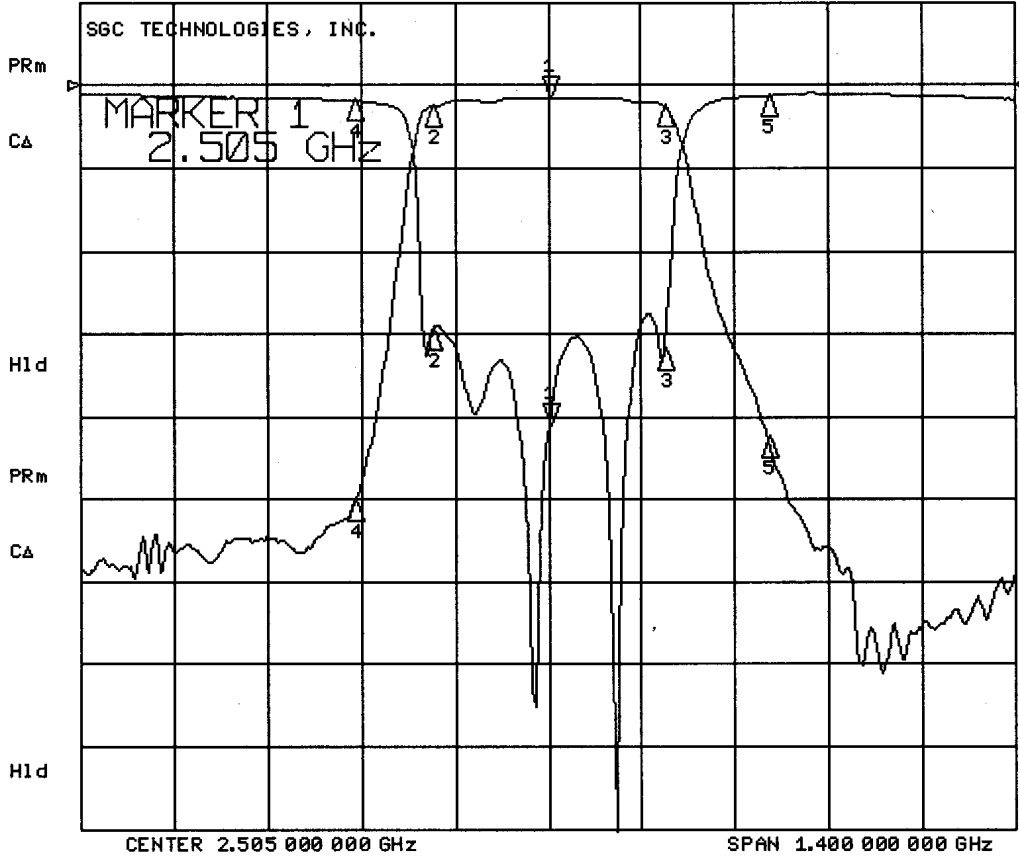


TOLLRANCE UNLESS OTHERWISE SPECIFIED : +/- 0.3

UNIT : mm

SBP-8R3-2505BP350M

[CH1] S11 LOG 5 dB/REF 0 dB 1:-20.527 dB 2.505 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 1:-1.4680 dB



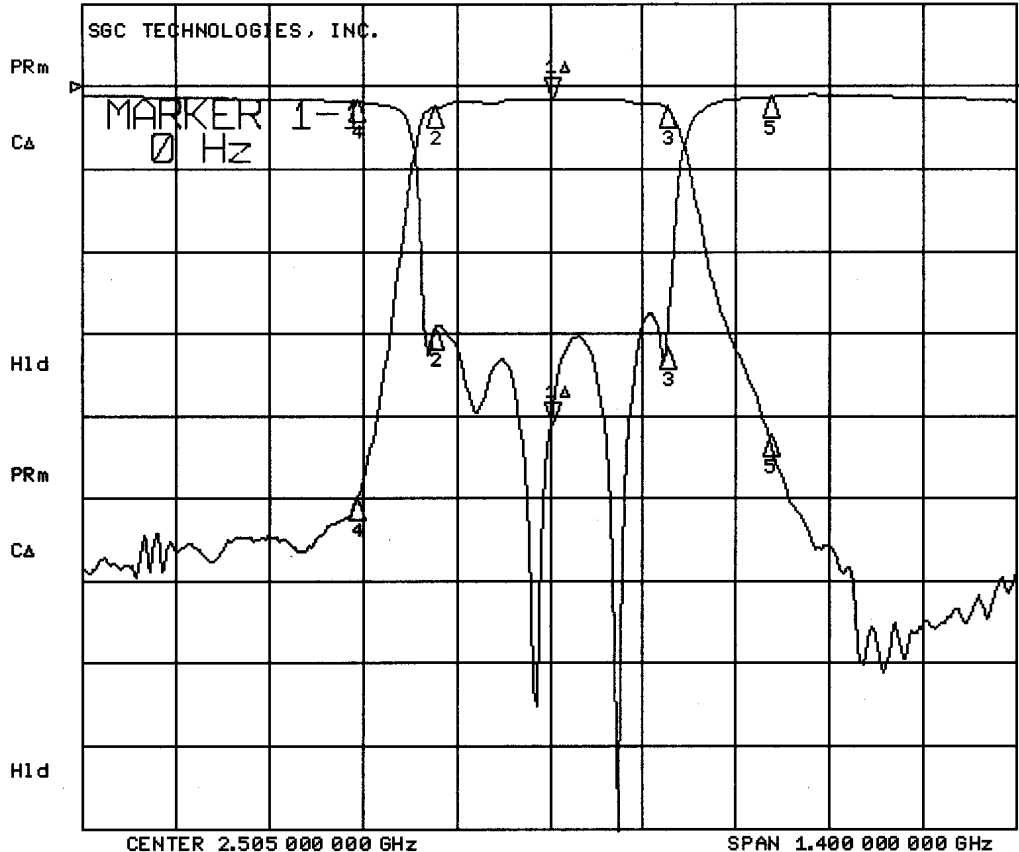
CH1 Markers

- 2:-14.801 dB
2.33000 GHz
- 3:-15.913 dB
2.68000 GHz
- 4:-94300 dB
2.21500 GHz
- 5:-62300 dB
2.83300 GHz

CH2 Markers

- 2:-2.6420 dB
2.33000 GHz
- 3:-2.5920 dB
2.68000 GHz
- 4:-50.162 dB
2.21500 GHz
- 5:-42.543 dB
2.83300 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: 5.7250 dB
-175.000 MHz
- 3: 4.6130 dB
175.000 MHz
- 4: 19.584 dB
-290.000 MHz
- 5: 19.904 dB
328.000 MHz

CH2 Markers

- 2:-1.1730 dB
-175.000 MHz
- 3:-1.1230 dB
175.000 MHz
- 4:-48.693 dB
-290.000 MHz
- 5:-41.074 dB
328.000 MHz