

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-4R4-TYPE

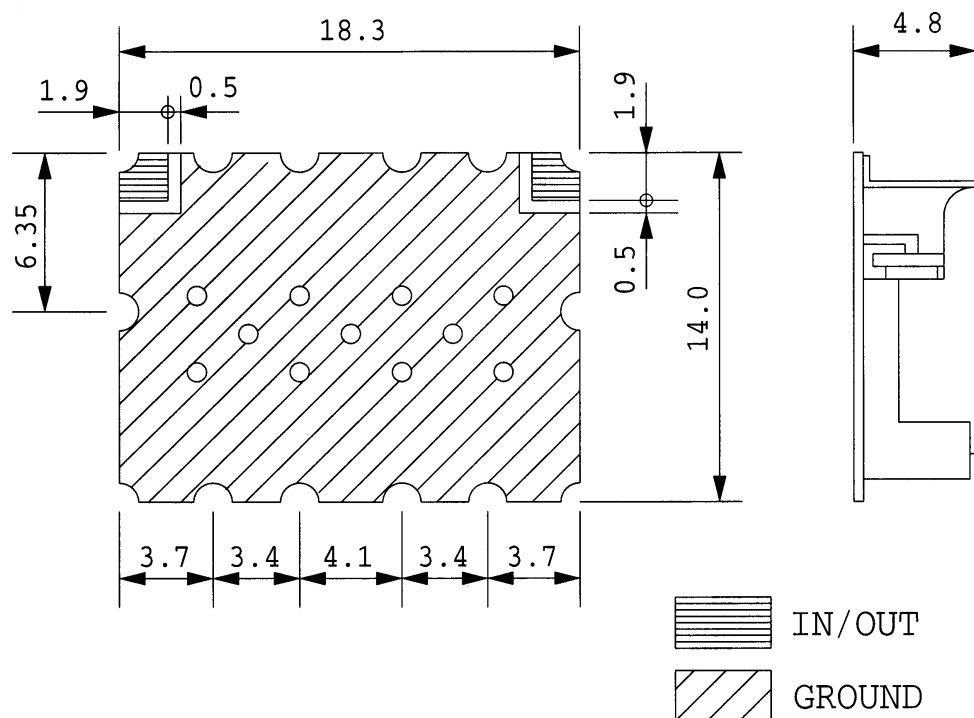
PART NO: SBP-4R4-1295BP20C

Center frequency	1295MHz
Pole	4
Bandwidth(BW)	Fo $\pm$ 10 MHz
Insertion Loss	3.5 dB MAX
VSWR in BW	1.5 MAX
Ripple in BW	1.0 dB MAX
Attenuation	62dBc MIN at 1175 MHz
	58dBc MIN at 1415 MHz
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used : HP 8753E

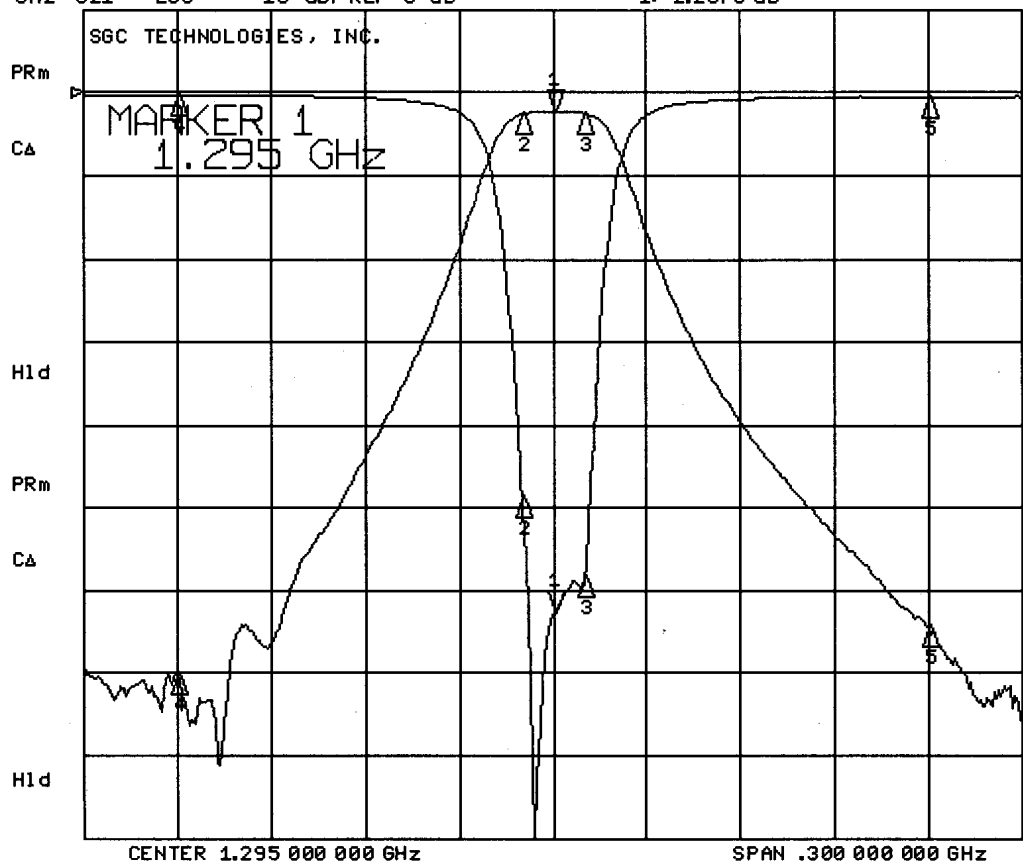
DIMENSION:



Unit:mm

SBP-4R4-1295BP20C

[CH1] S11 LOG 5 dB/REF 0 dB 1:-31.367 dB 1.295 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 1:-2.2070 dB



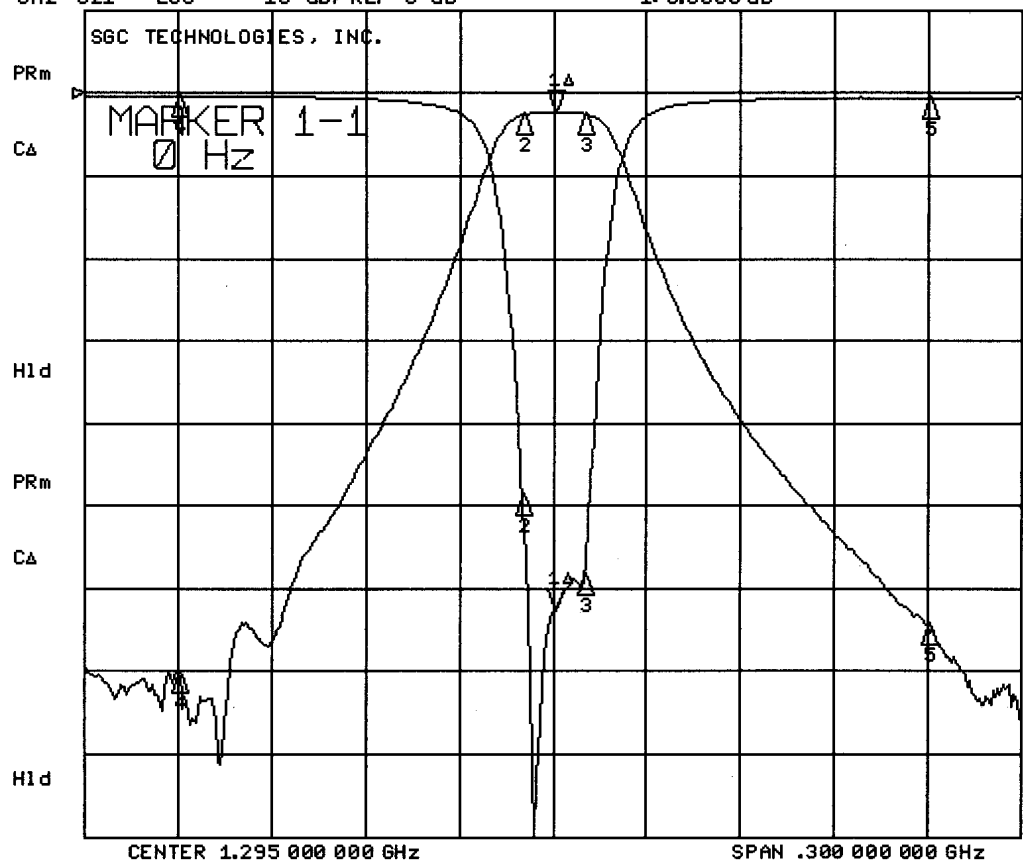
CH1 Markers

2:-24.423 dB
1.28500 GHz
3:-29.139 dB
1.30500 GHz
4:-20.400 dB
1.17500 GHz
5:-28.500 dB
1.41500 GHz

CH2 Markers

2:-2.5870 dB
1.28500 GHz
3:-2.4750 dB
1.30500 GHz
4:-70.224 dB
1.17500 GHz
5:-64.454 dB
1.41500 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: 6.9440 dB
-10.0000 MHz
3: 2.2280 dB
10.0000 MHz
4: 31.163 dB
-120.000 MHz
5: 31.081 dB
120.000 MHz

CH2 Markers

2:-38.000 dB
-10.0000 MHz
3:-26.800 dB
10.0000 MHz
4:-68.017 dB
-120.000 MHz
5:-62.247 dB
120.000 MHz