

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-4R4 TYPE

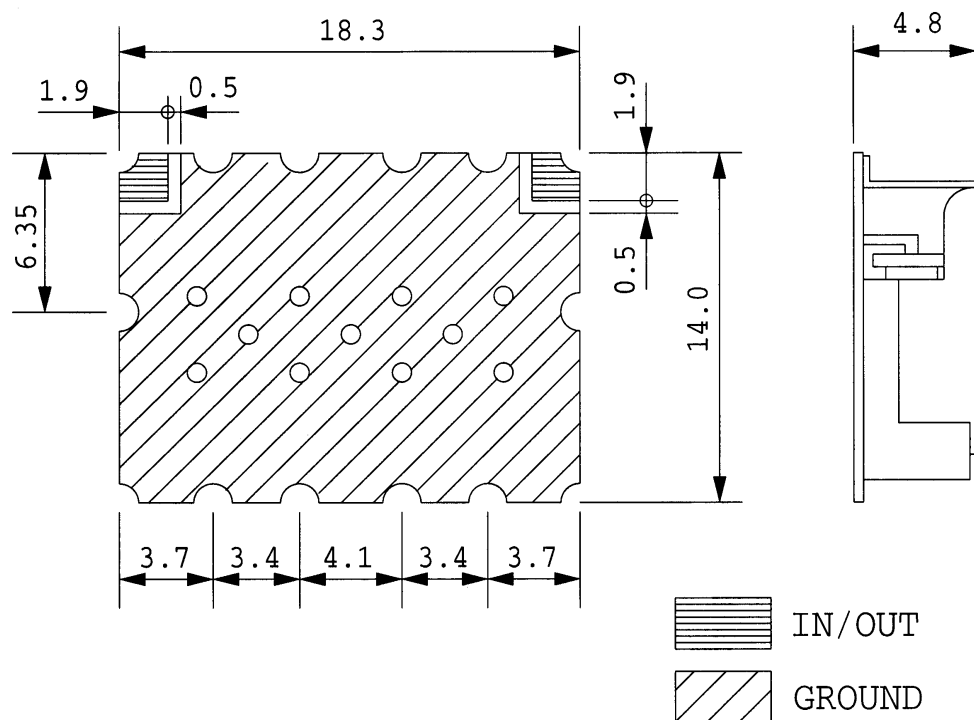
PART NO: SBP-4R4-3410BP28A

Center frequency	3410MHz
Pole	4
Bandwidth(BW)	$F_o \pm 14 \text{ MHz}$
Insertion Loss	3.0 dB MAX
VSWR in BW	1.5 MAX
Ripple in BW	0.3 dB MAX
Attenuation	45dBc min at $F_o \pm 250\text{MHz}$
	45dBc min at $F_o \pm 350\text{MHz}$
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

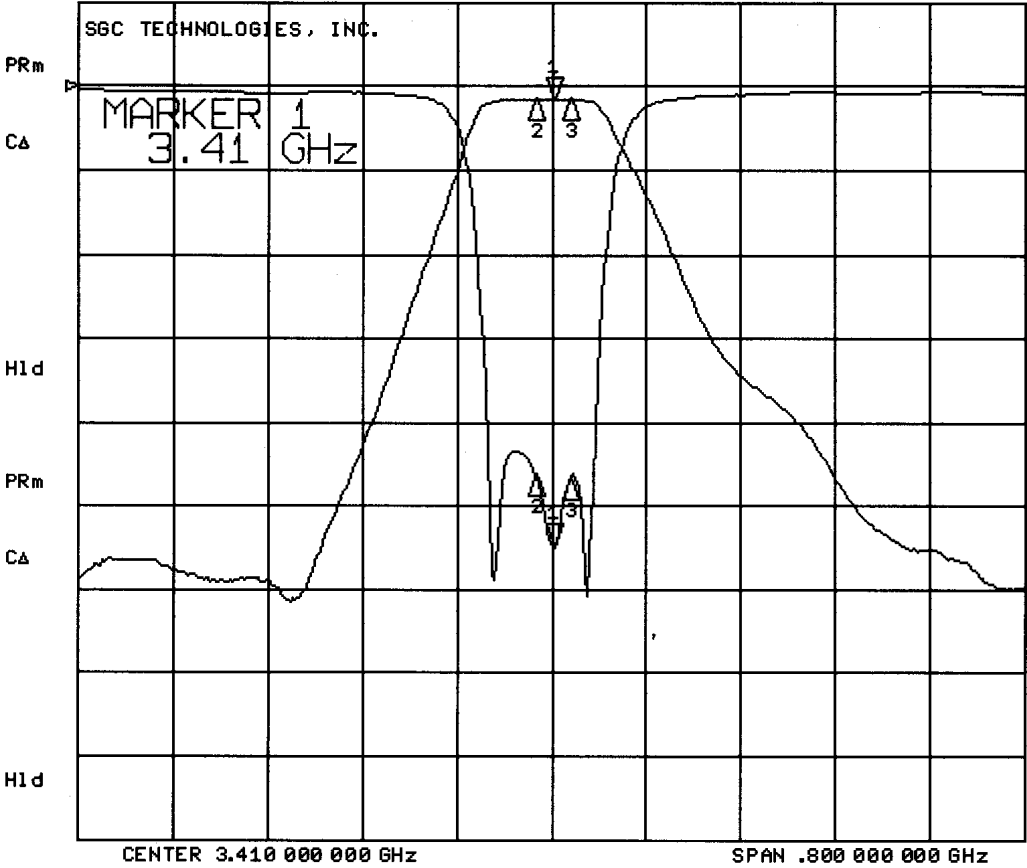
DIMENSION:



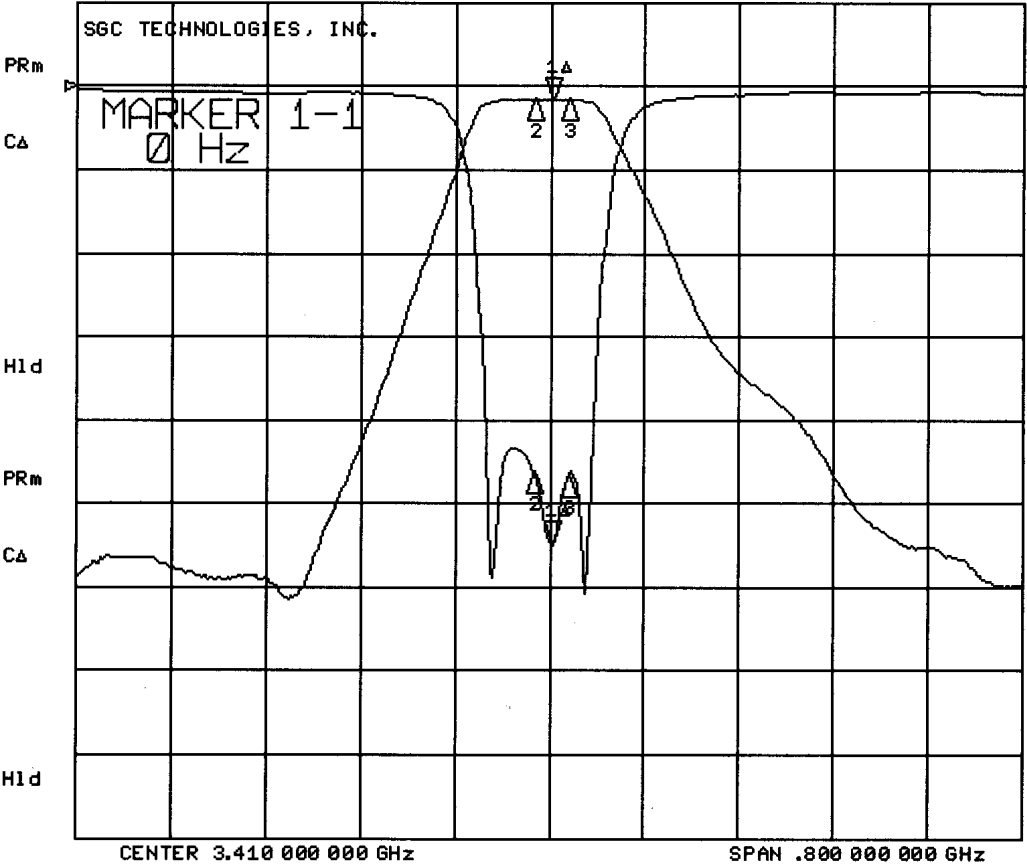
Unit:mm

SBP-4R4-3410BP28A

CH1 S11 LOG 5 dB/REF 0 dB 1:-27.389 dB 3.410 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-1.5500 dB

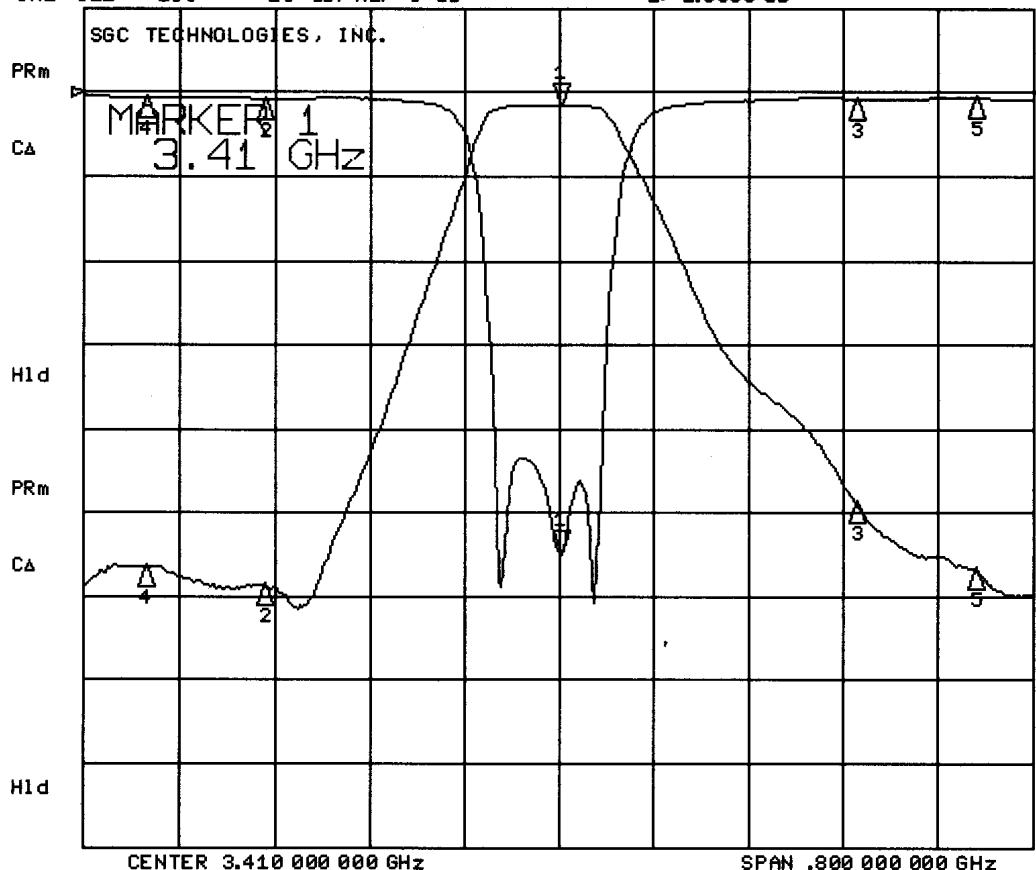


CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB



SBP-4R4-3410BP28A

CH1 S11 LOG 5 dB/REF 0 dB 1:-27.389 dB 3.410 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-1.5500 dB



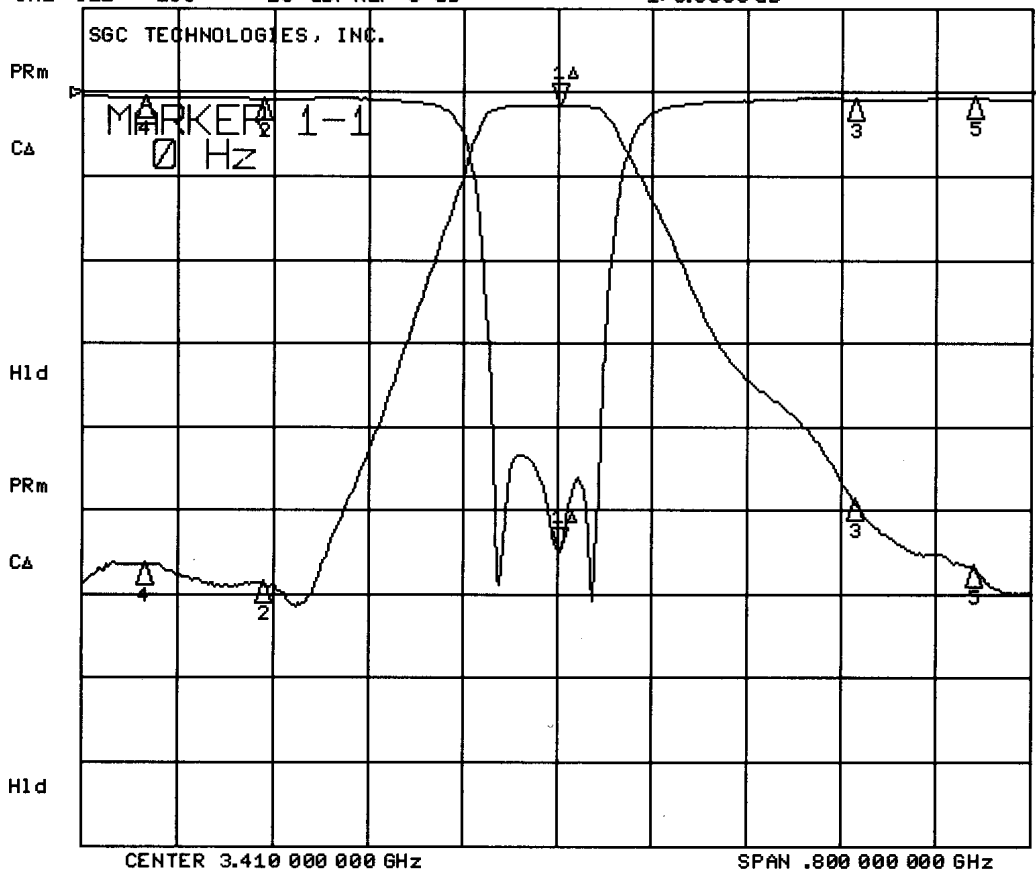
CH1 Markers

2:-37800 dB
3.15000 GHz
3:-37900 dB
3.66000 GHz
4:-32500 dB
3.06000 GHz
5:-32200 dB
3.76000 GHz

CH2 Markers

2:-58.658 dB
3.15000 GHz
3:-48.766 dB
3.66000 GHz
4:-56.399 dB
3.06000 GHz
5:-56.769 dB
3.76000 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: 27.011 dB
-250.000 MHz
3: 27.009 dB
250.000 MHz
4: 27.062 dB
-350.000 MHz
5: 27.067 dB
350.000 MHz

CH2 Markers

2:-57.107 dB
-250.000 MHz
3:-47.215 dB
250.000 MHz
4:-54.849 dB
-350.000 MHz
5:-55.218 dB
350.000 MHz