

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-4R3B TYPE

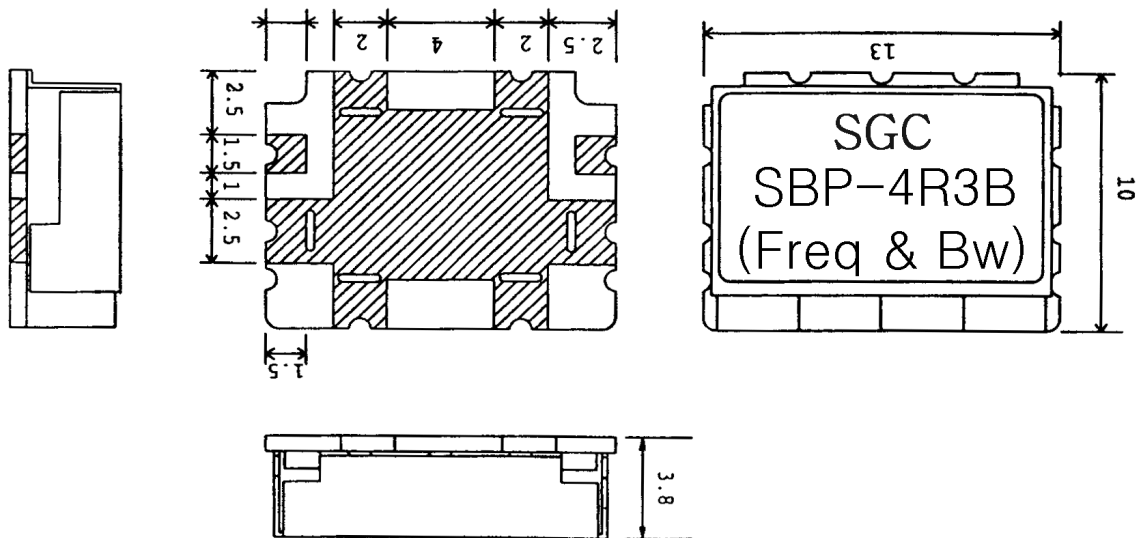
PART NO: SBP-4R3B-3450BP100M

Center frequency	3450MHz
Pole	4
Bandwidth(BW)	Fo ±50 MHz
Insertion Loss	2.0 dB MAX
VSWR in BW	1.5 MAX
Ripple in BW	1.0 dB MAX
Attenuation	Fo +/-430MHz at 30dB min
	1900MHz at 30dB min
	2400-2600MHz at 30dB min
	3800-4150MHz at 30dB min
	4300-4600MHz at 35dB min
	5200-5800MHz at 30dB min
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

DIMENSION:

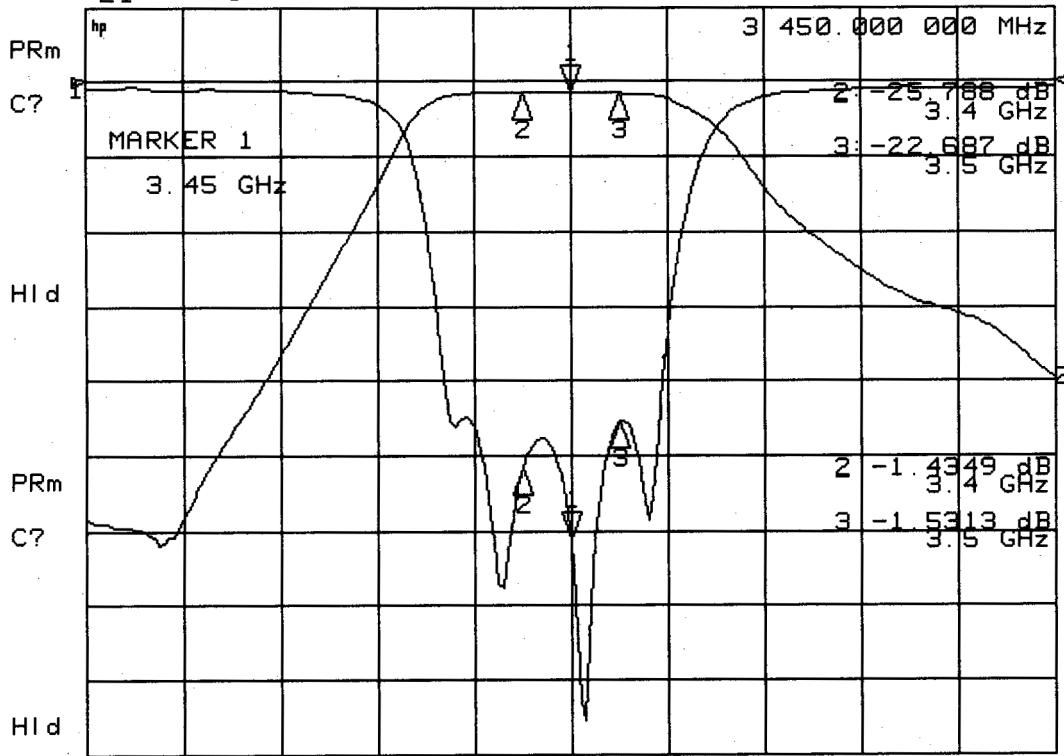


UNIT : mm

TOLERANCE UNLESS SPECIFIED : +/-0.3

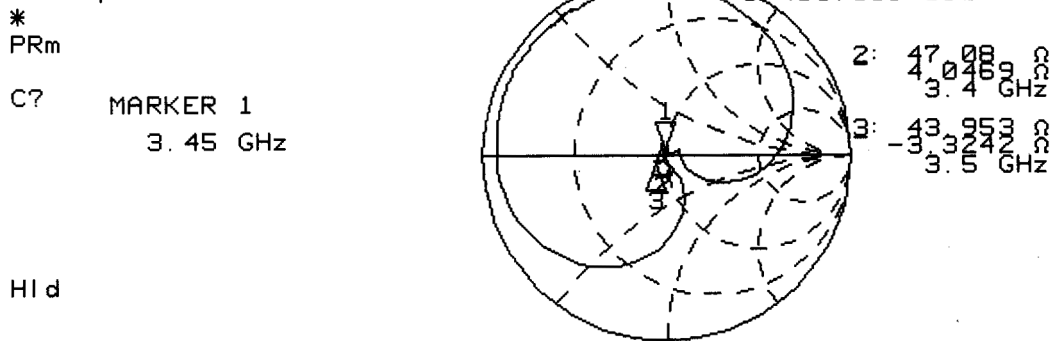
SBP-4R3B-3450BP100M

CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1: -30.509 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1 -1.3642 dB

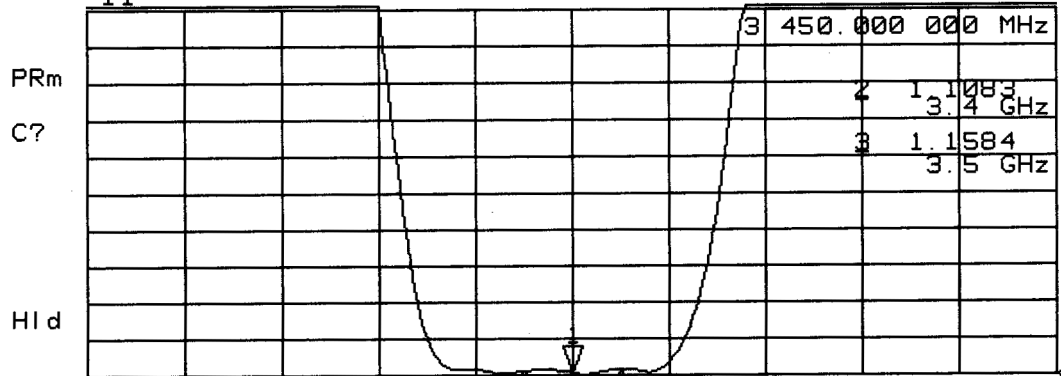


CENTER 3 450.000 000 MHz SPAN 1 000.000 000 MHz

CH1 S₁₁ 1 U FS 1: 49.746 Ω 2.9609 Ω 136.59 pF
 hp 3 450.000 000 MHz



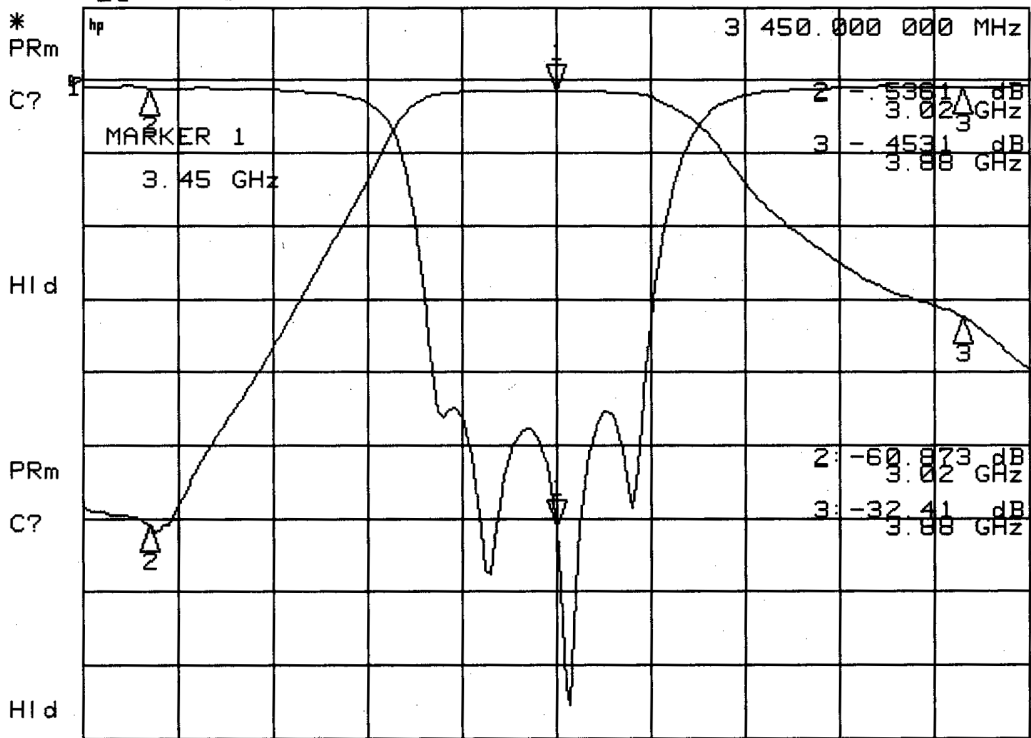
CH2 S₁₁ SWR 1 / REF 1 1 1.0615
 3 450.000 000 MHz



CENTER 3 450.000 000 MHz SPAN 1 000.000 000 MHz

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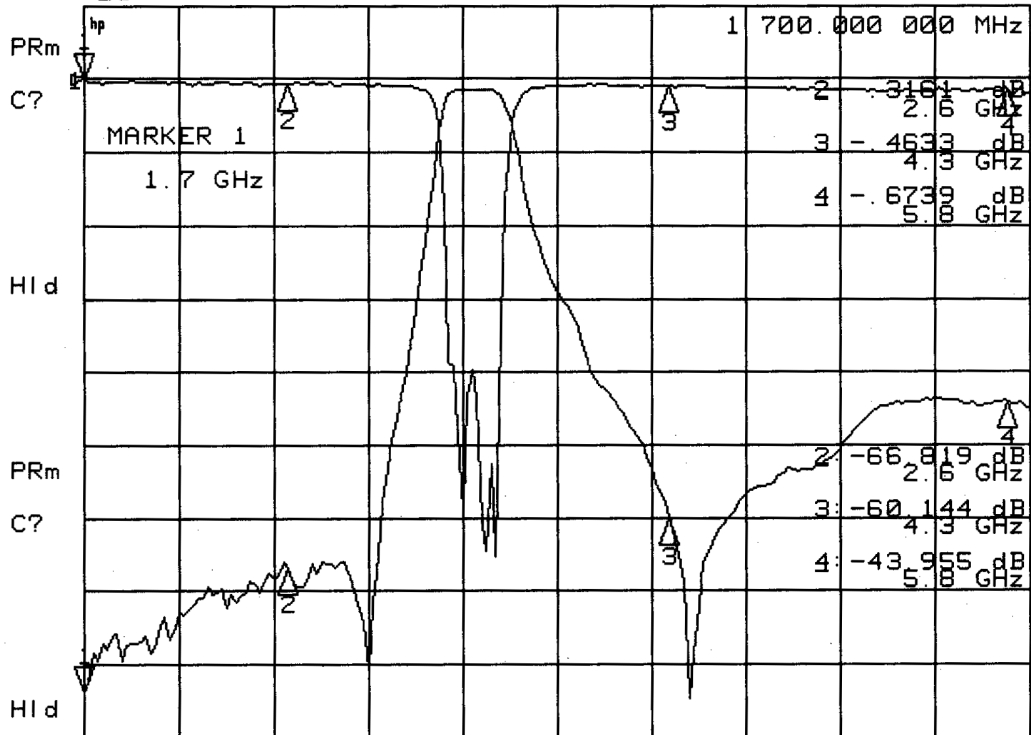
CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1 -30.509 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1: -1.3642 dB



CENTER 3 450.000 000 MHz

SPAN 1 000.000 000 MHz

CH1 S₁₁ log MAG 5 dB/ REF 0 dB 1 -.0278 dB
 CH2 S₂₁ log MAG 10 dB/ REF 0 dB 1: -83.962 dB



START 1 700.000 000 MHz

STOP 5 900.000 000 MHz