

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

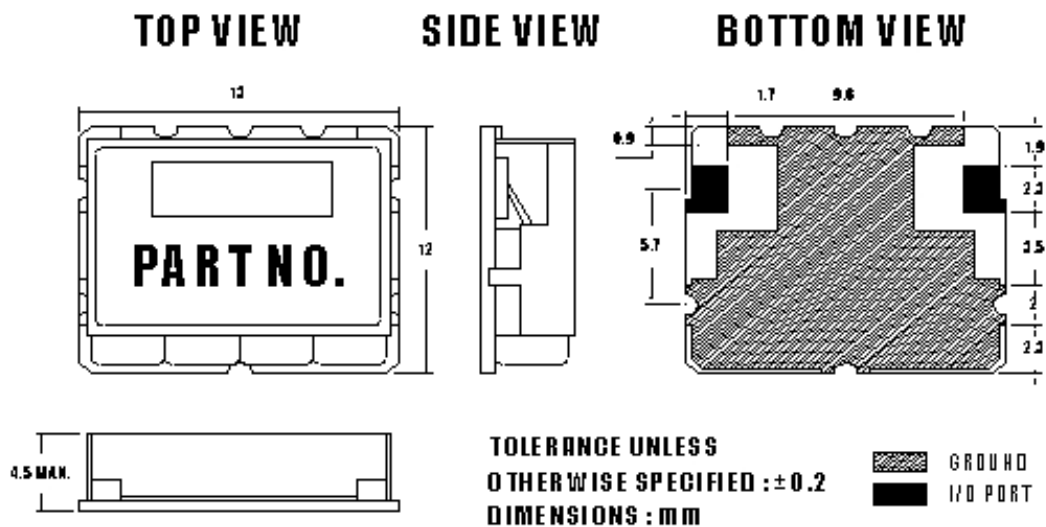
PRODUCT NAME: SBP TYPE

PART NO: SBP-4R3-2188BP10C

PARAMETER	SPECIFICATIONS	
CENTER FREQUENCY	2188.5MHz	
PASS BAND WIDTH	Fo ±5MHz	
INSERTION LOSS	3 dB max	
RIPPLE	1.0 dB max	
RETURN LOSS	15dB min	
ATTENUATION	Freq.	ATT.
	2313.5 MHz	35dB min
INPUT/OUTPUT IMPEDANCE	50Ω	

NOTE: EQUIPMENT used :HP 8753E

DIMENSION:



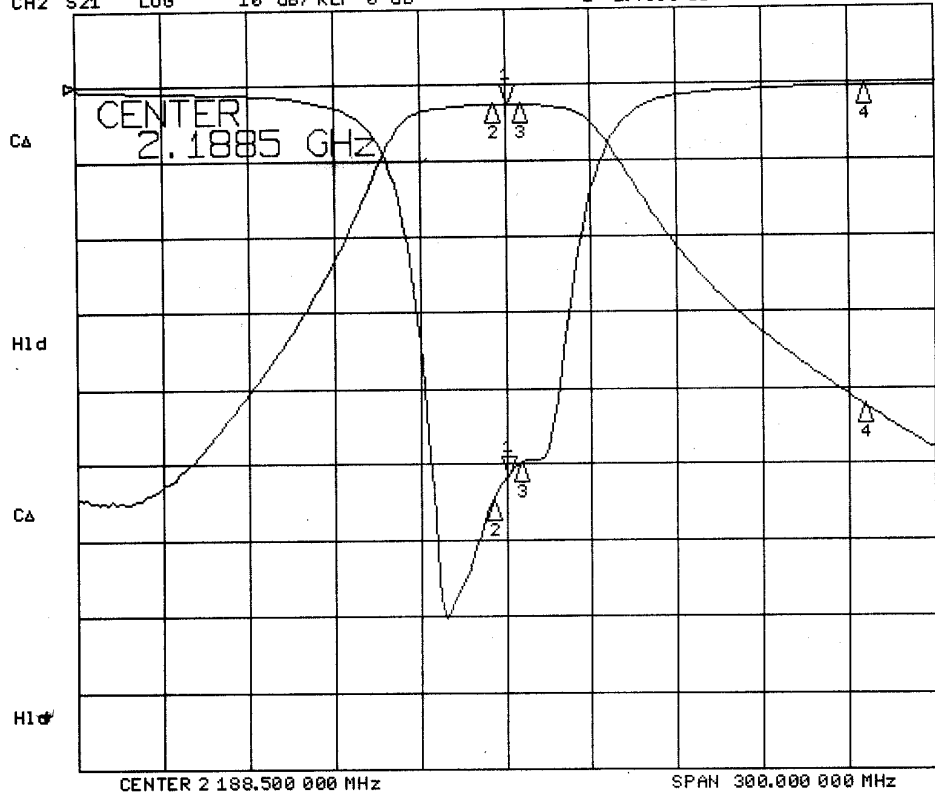
Diagram

Part number :SBP-4R3-2188.5BP10C

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CH1 S11 LOG 5 dB/REF 0 dB
 CH2 S21 LOG 10 dB/REF 0 dB

1:-25.825 dB 2 188.500 000 MHz
 1:-2.4369 dB



CH1 Markers

2:-27.472 dB
 2.18350 GHz
 3:-24.951 dB
 2.19350 GHz
 4:-17.210 dB
 2.31350 GHz

CH2 Markers

2:-2.4659 dB
 2.18350 GHz
 3:-2.4741 dB
 2.19350 GHz
 4:-42.239 dB
 2.31350 GHz

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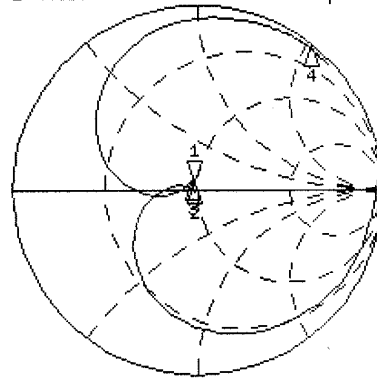
CH1 S11 1 U FS

1: 47.205 Ω 4.1133 Ω 299.13 pF 2 188.500 000 MHz

*

CA

H1d



CH1 Markers

2: 47.223 Ω
 3.0332 Ω
 2.18350 GHz
 3: 46.859 Ω
 4.4561 Ω
 2.19350 GHz
 4: 2.5898 Ω
 102.76 Ω
 2.31350 GHz

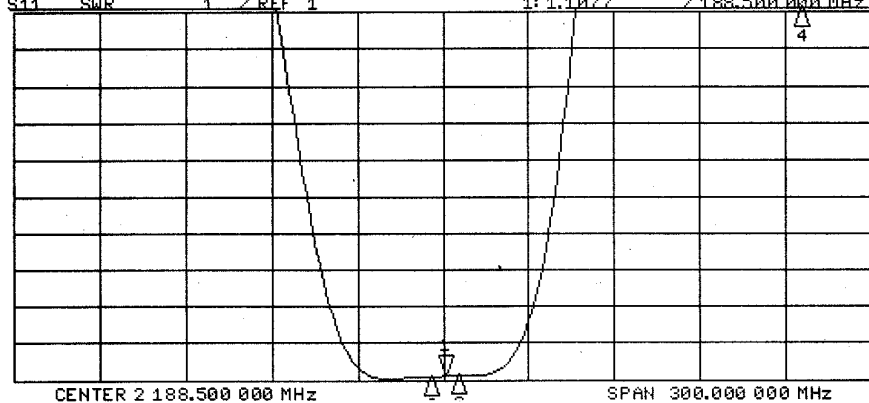
CH2

S11 SWR 1 / REF 1

1: 1.1077 2 188.500 000 MHz

CA

H1d



CH2 Markers

2: 1.0884
 2.18350 GHz
 3: 1.1199
 2.19350 GHz
 4: 100.99
 2.31350 GHz