

SGC Technologies, Inc.

Wireless and Internet Communication

PRODUCT SPECIFICATION FOR INFORMATION

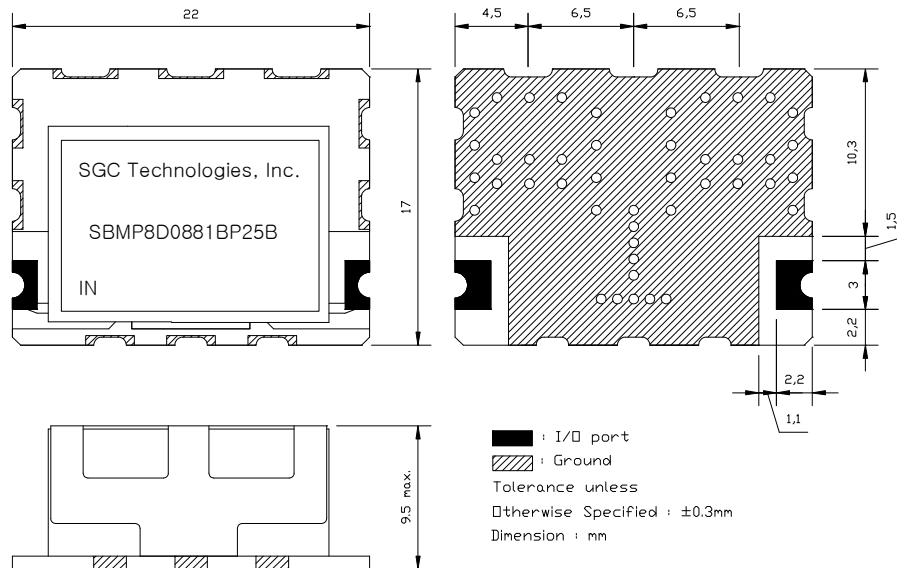
PRODUCT NAME: SBMP TYPE

PART NO: SBMP8D0881BP25B

Parameter	Specification
Center frequency(Fo)	881.5 MHz
Pole	4
Bandwidth	Fo ± 12.5 MHz
Insertion Loss in BW	1.2 dB max.
Ripple in BW	0.5 dB max.
Return Loss in BW	18 dB min.
Attenuation	30 dB min. at 836 MHz
In/Out Impedance	50 ohm

NOTE: EQUIPMENT used : 8753ES

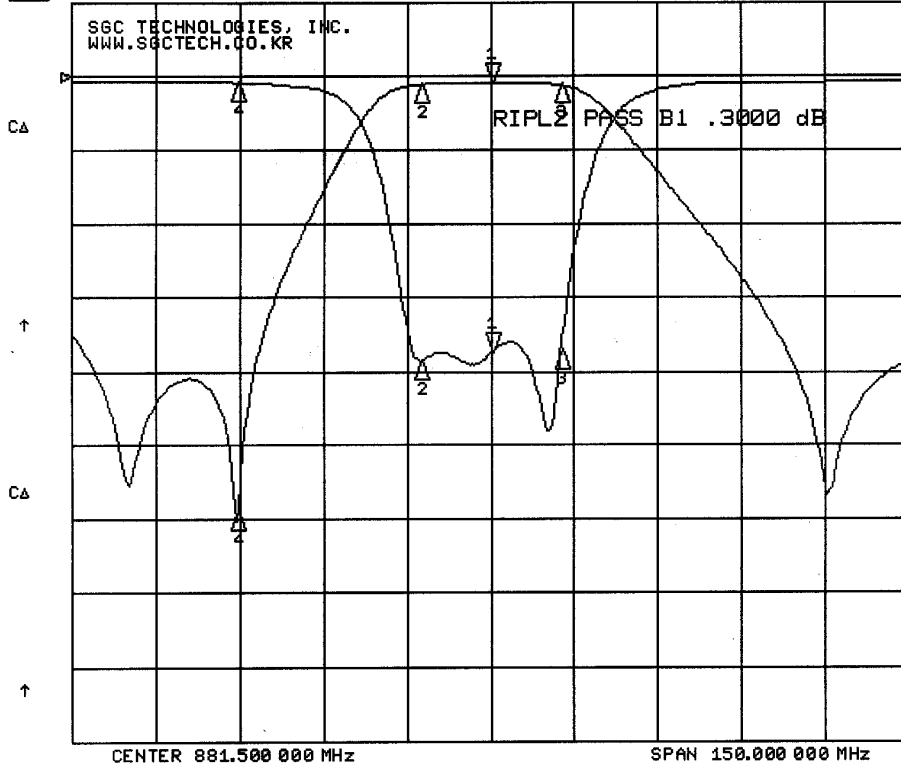
DIMENSION:



SBMP8D0881BP25B

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CH1 S11 LOG 5 dB/REF 0 dB 1:-18.753 dB
 CH2 S21 LOG 10 dB/REF 0 dB 1:-.84680 dB 881.500 000 MHz

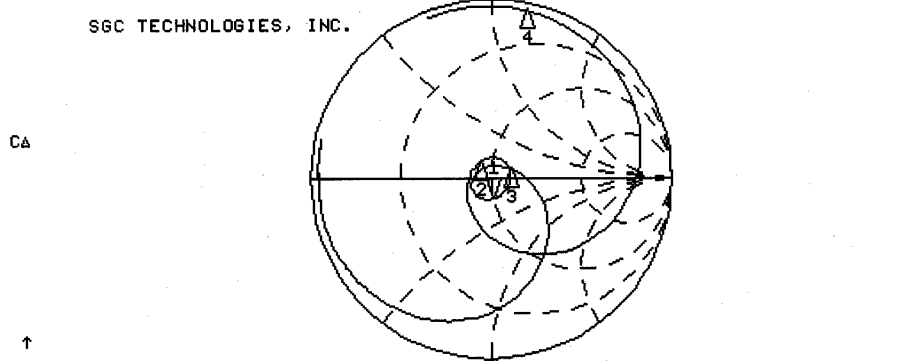


CH1 Markers
 2:-19.272 dB
 869.000 MHz
 3:-18.629 dB
 894.000 MHz
 4:-37.580 dB
 836.000 MHz

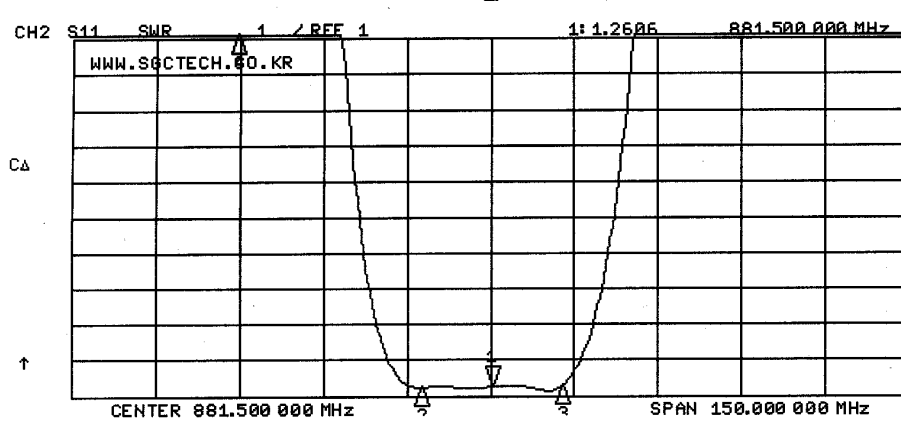
CH2 Markers
 2:-1.0170 dB
 869.000 MHz
 3:-1.1421 dB
 894.000 MHz
 4:-59.088 dB
 836.000 MHz

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CH1 S11 1 U FS 1: 49.439 Ω -11.529 Ω 15.660 pF 881.500 000 MHz



CH1 Markers
 2: 43.385 Ω
 7.7090 Ω
 869.000 MHz
 3: 61.432 Ω
 6.3438 Ω
 894.000 MHz
 4: 2.6680 Ω
 61.316 Ω
 836.000 MHz



CH2 Markers
 2: 1.2440
 869.000 MHz
 3: 1.2663
 894.000 MHz
 4: 46.907
 836.000 MHz