

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

PART NO: SBP-8R8-899BP8G

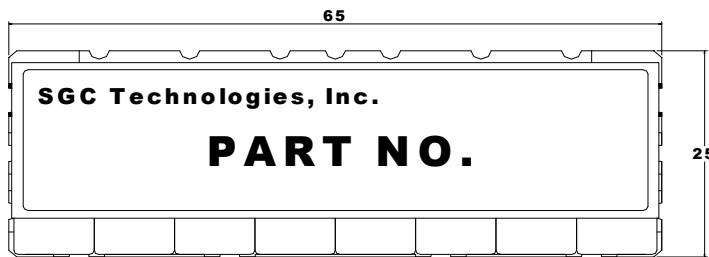
Center frequency	899MHz
Pole	4
Bandwidth(BW)	895MHz – 902.8MHz
Insertion Loss (Fo)	8.0 dB max
VSWR in BW	1.5 max
Ripple in BW	3.0 dB max
Attenuation	Fo ±5MHz at 7dB min Fo ±40MHz at 50dB min
In/Out Impedance	50 ohm

NOTE:

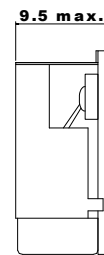
EQUIPMENT used :HP 8753E

DIMENSION:

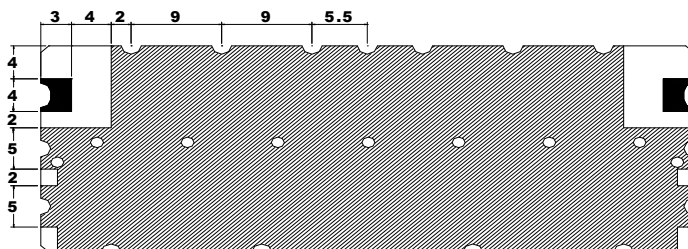
TOP VIEW



SIDE VIEW

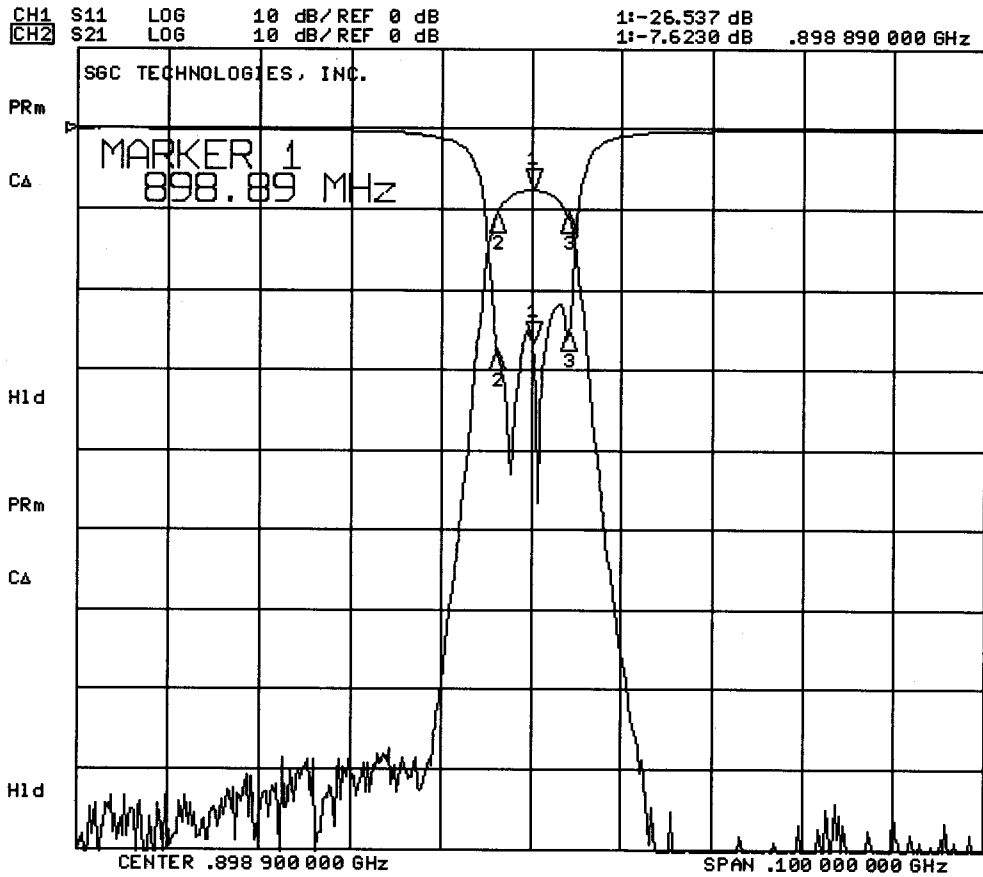


BOTTOM VIEW



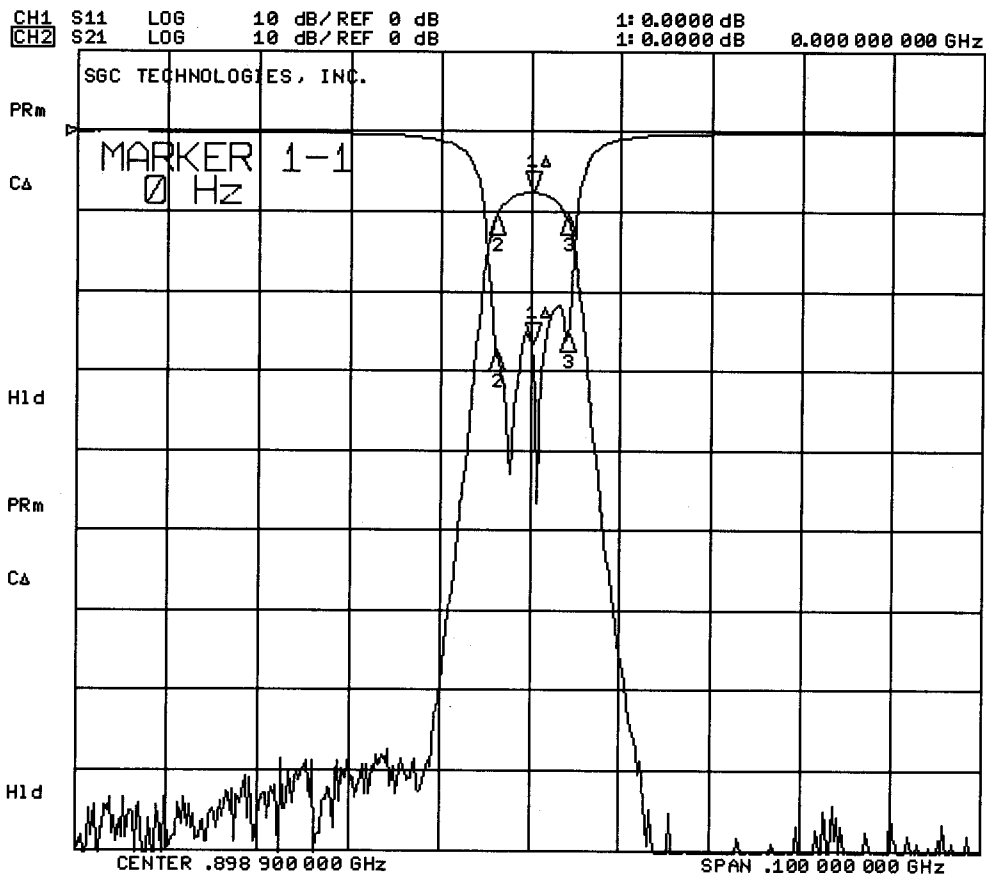
**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm**

SBP-8R8-899BP8G



CH1 Markers
 2:-27.471 dB
 895.000 MHz
 3:-25.279 dB
 902.800 MHz

CH2 Markers
 2:-10.608 dB
 895.000 MHz
 3:-10.535 dB
 902.800 MHz

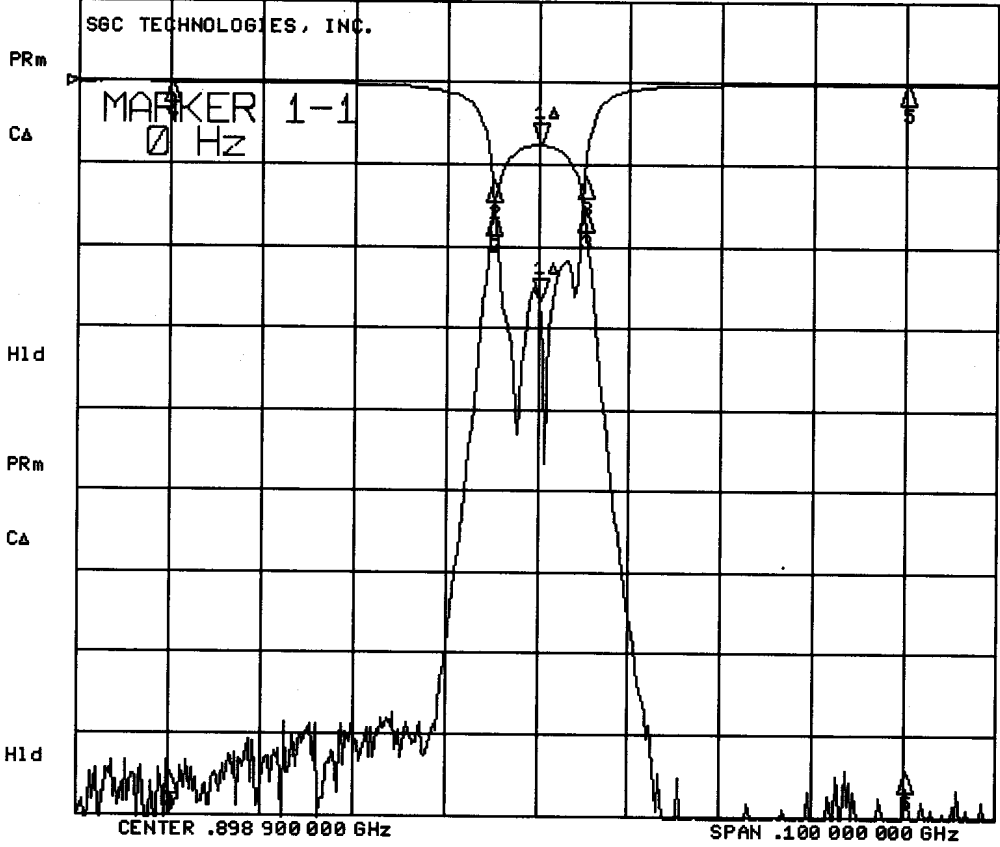


CH1 Markers
 2:-9.3300 dB
 -3.89000 MHz
 3: 1.2570 dB
 3.91000 MHz

CH2 Markers
 ΔREF=1
 2:-2.9840 dB
 -3.89000 MHz
 3:-2.9110 dB
 3.91000 MHz

SBP-8R8-899BP8G

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



CH1 Markers
 2: 14.389 dB
 -5.00000 MHz
 3: 14.821 dB
 5.00000 MHz
 4: 26.481 dB
 -40.00000 MHz
 5: 26.407 dB
 40.00000 MHz

CH2 Markers
 ΔREF=1
 2: -8.6700 dB
 -5.00000 MHz
 3: -8.1390 dB
 5.00000 MHz
 4: -77.547 dB
 -40.00000 MHz
 5: -77.119 dB
 40.00000 MHz