

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R8 TYPE

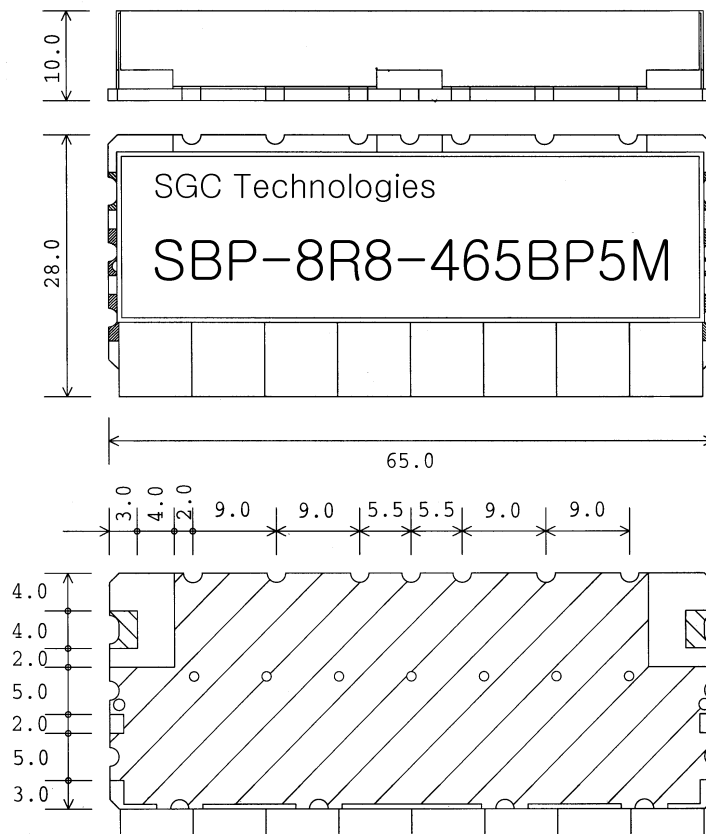
PART NO: SBP-8R8-465BP5M

Center frequency	465MHz
Pole	3
Bandwidth(BW)	463.1MHz – 467.35MHz
Insertion Loss in BW	11.0 dB max
V.S.W.R	1.5 max
Ripple in BW	2.0 dB max
Attenuation	50dBc at 453.1MHz – 457.35MHz
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

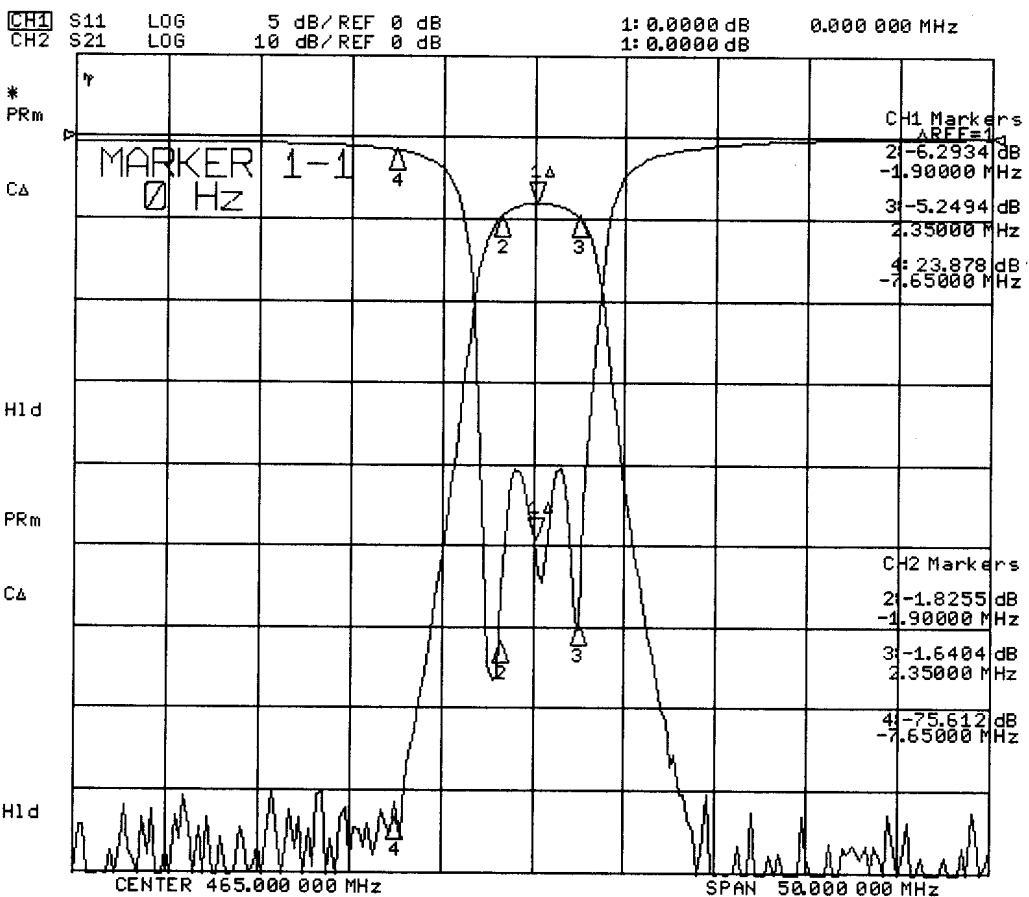
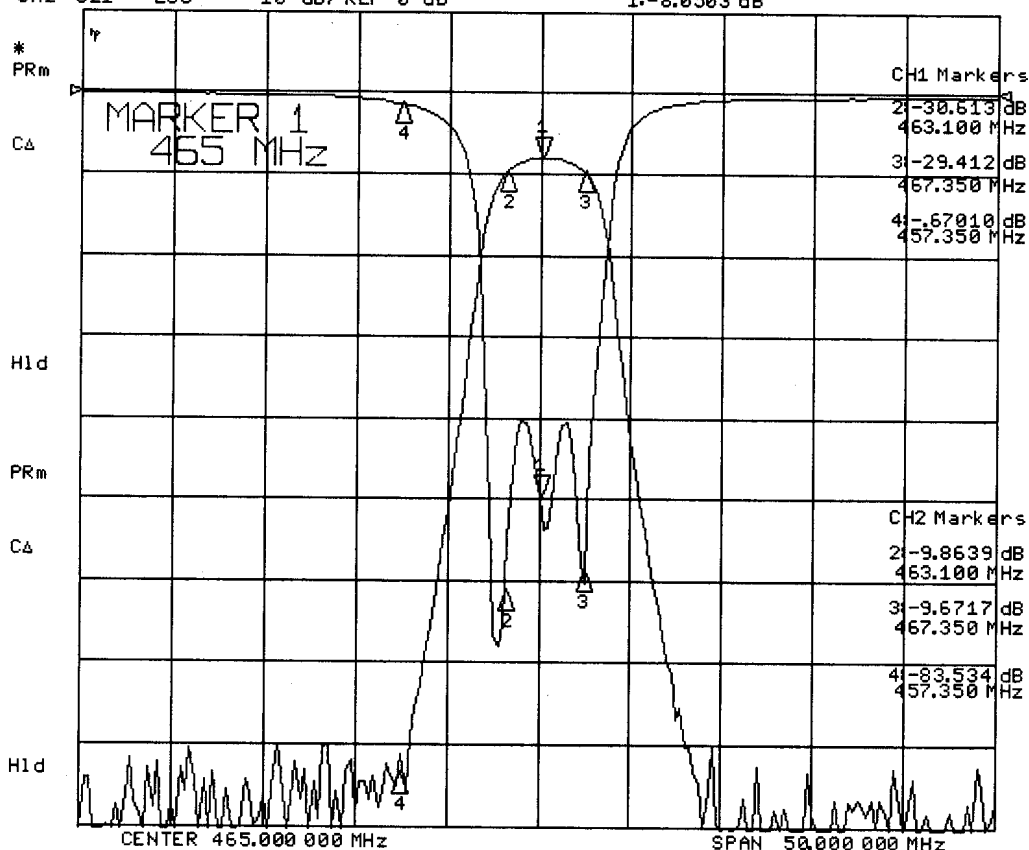
DIMENSION:



Unit : mm
TOLERANCE : +/-0.3

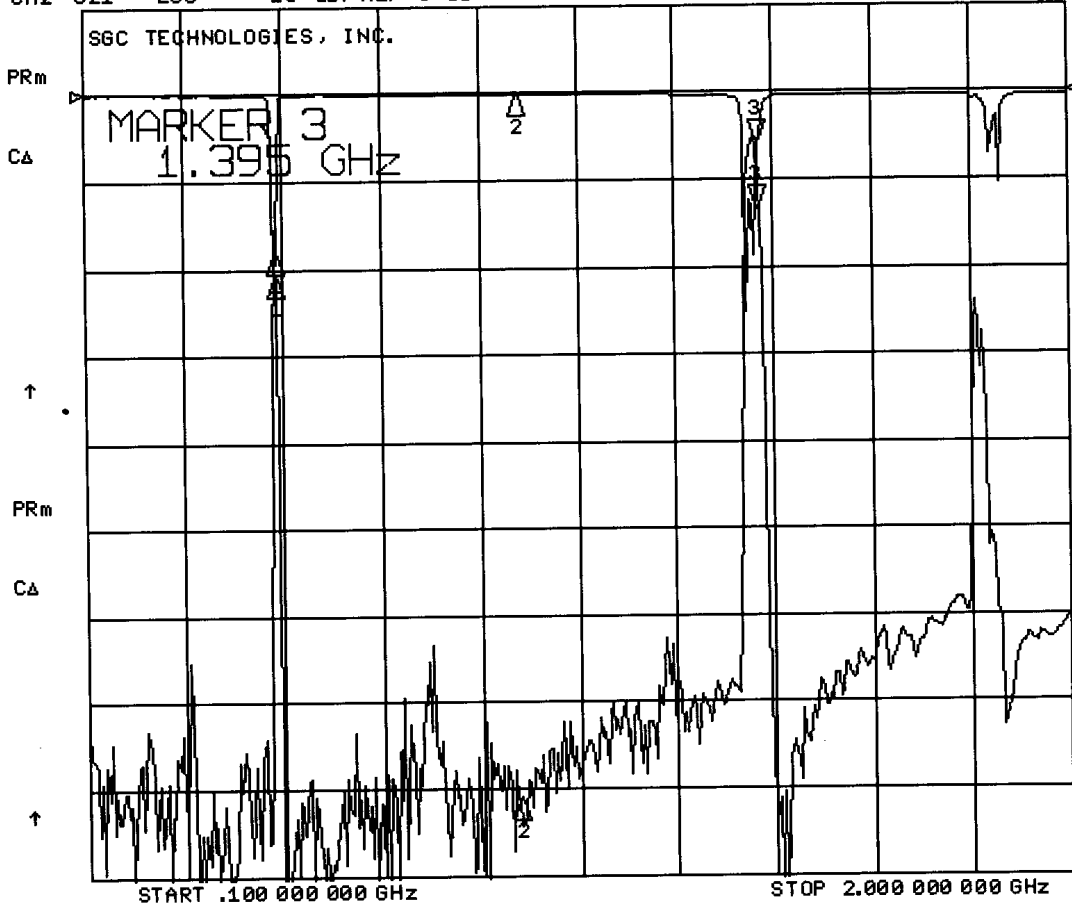
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[CH1] S11 LOG 5 dB/REF 0 dB 1:-24.823 dB 465.000 000 MHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-8.0503 dB



SBP-8R8-465BP5M : The Second Harmony

CH1 S22 LOG 10 dB/REF 0 dB 3:-13.488 dB 1.395 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 3:-5.9630 dB



CH1 Markers
 1:-20.845 dB
 465.000 MHz
 2:-14.700 dB
 930.000 MHz

CH2 Markers
 1:-18.028 dB
 465.000 MHz
 2:-81.290 dB
 930.000 MHz