



Dielectric Filter Specifications

Unit Name	Dielectric Resonator Filter
Part Name	BP33R1044S30AY
Date	November 4, 2004

Written by	Checked by	Approved by
T.W. Kim		



Systron Inc.
1274 - 3rd Avenue South
Lethbridge, Alberta
T1J 0J9 Canada

Phone: (403) 327-1444
Fax: (403) 327-1480
e-mail: sales@systroninc.com

Customer

Part No. BP33R1044S30AY

Date November 4, 2004

Written by

T.W . Kim

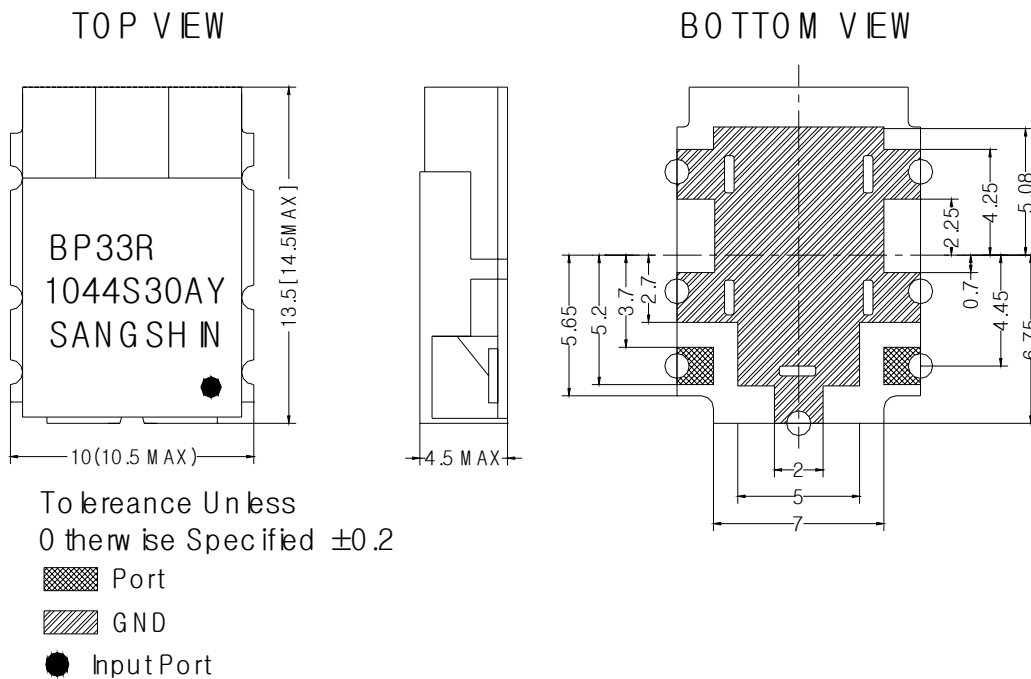
Checked by

Approved by

1. Electrical Specifications.

Item	Specifications
Center Frequency (= Fc)	1044 MHz
Pass Bandwidth (= BW)	Fc ± 15 MHz
Insertion Loss @ BW	3.0 dB max.
Ripple @ BW	1.0 dB max.
V.S.W.R @ BW	1.5 max.
In, Output Impedance	50 Ohm
Input Power	1 W max.
Attenuation	30 dB min. @ Fc ± 100 MHz
Operation Temperature Range	-25°C to +75°C

2. Dimensions.

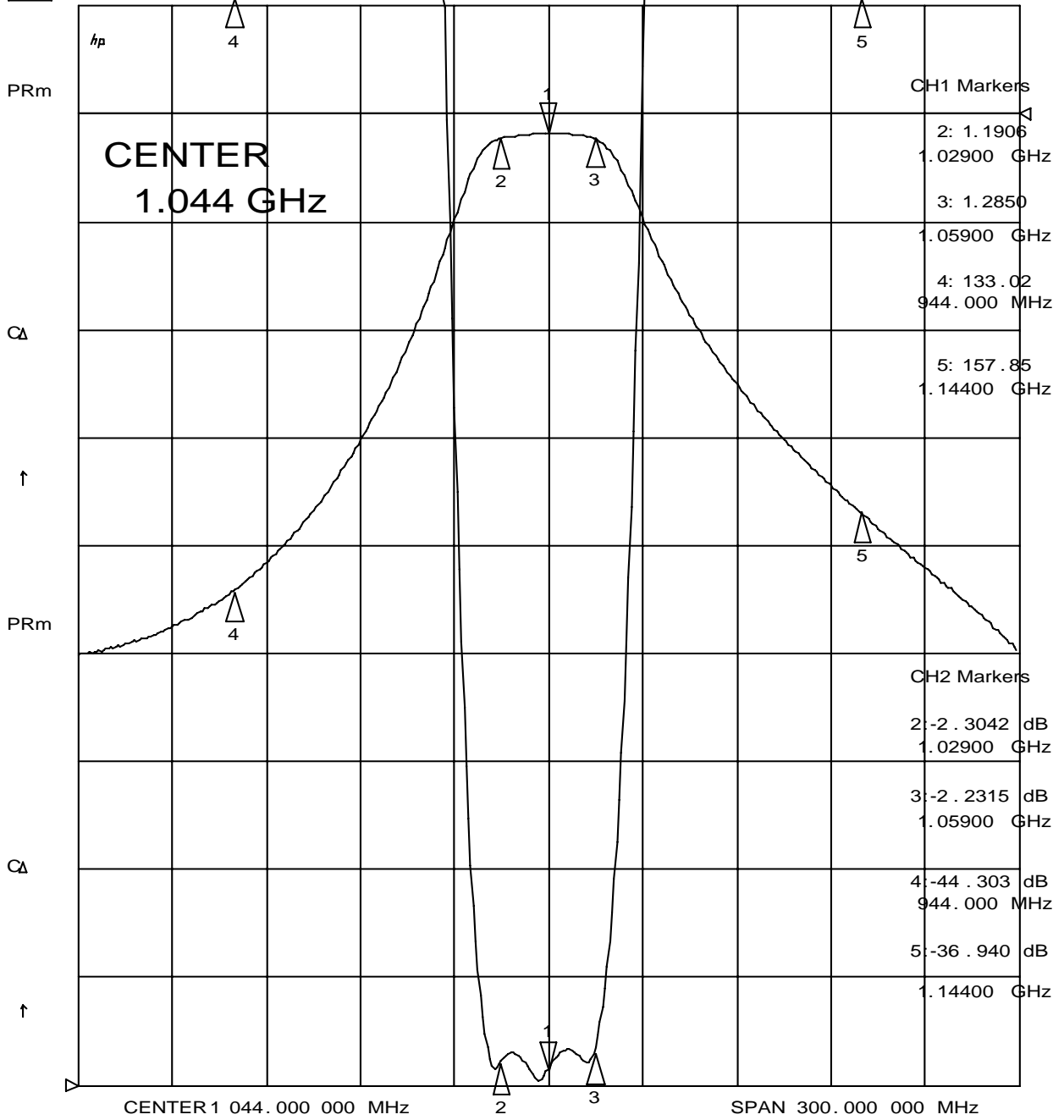


3.Data

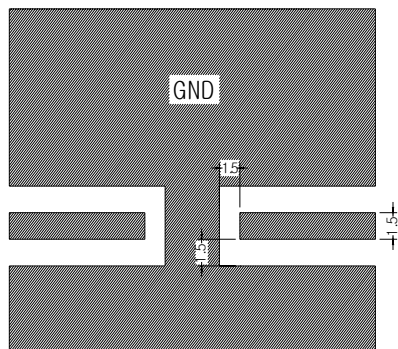
4 Nov 2004 17:39:12

CH1 S11 SWR 1 / REF 1
 CH2 S21 LOG 10 dB/ REF 0 dB

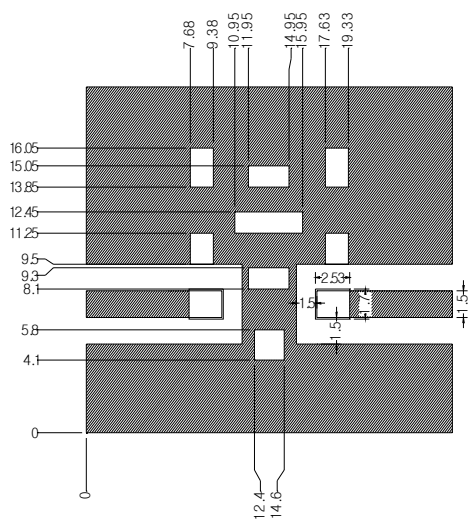
1: 1.1254
 1:-1.7701 dB 1 044.000 000 MHz



4. Footprint



MATERIAL : FR4
T : 0.8mm



Soldering Point