



## Cavity Filter Specifications

Unit Name	Cavity Filter
Part Name	CADPX8MR1765/1855BN30BY
Date	April 21, 2003

Written by	Checked by	Approved by




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

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

CUSTOMER :

PART NO. : CADPX8MR1765/1855BN30BY

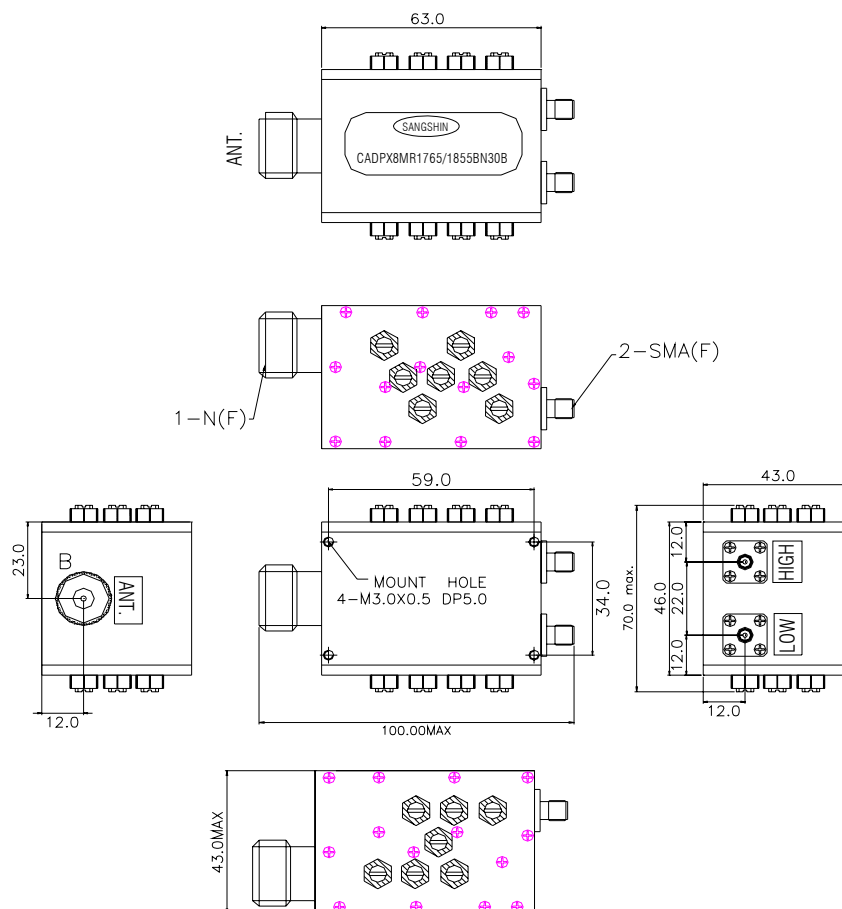
DATE : 2003/04/21

WRITTEN BY	CHECKED BY	APPROVAL
		

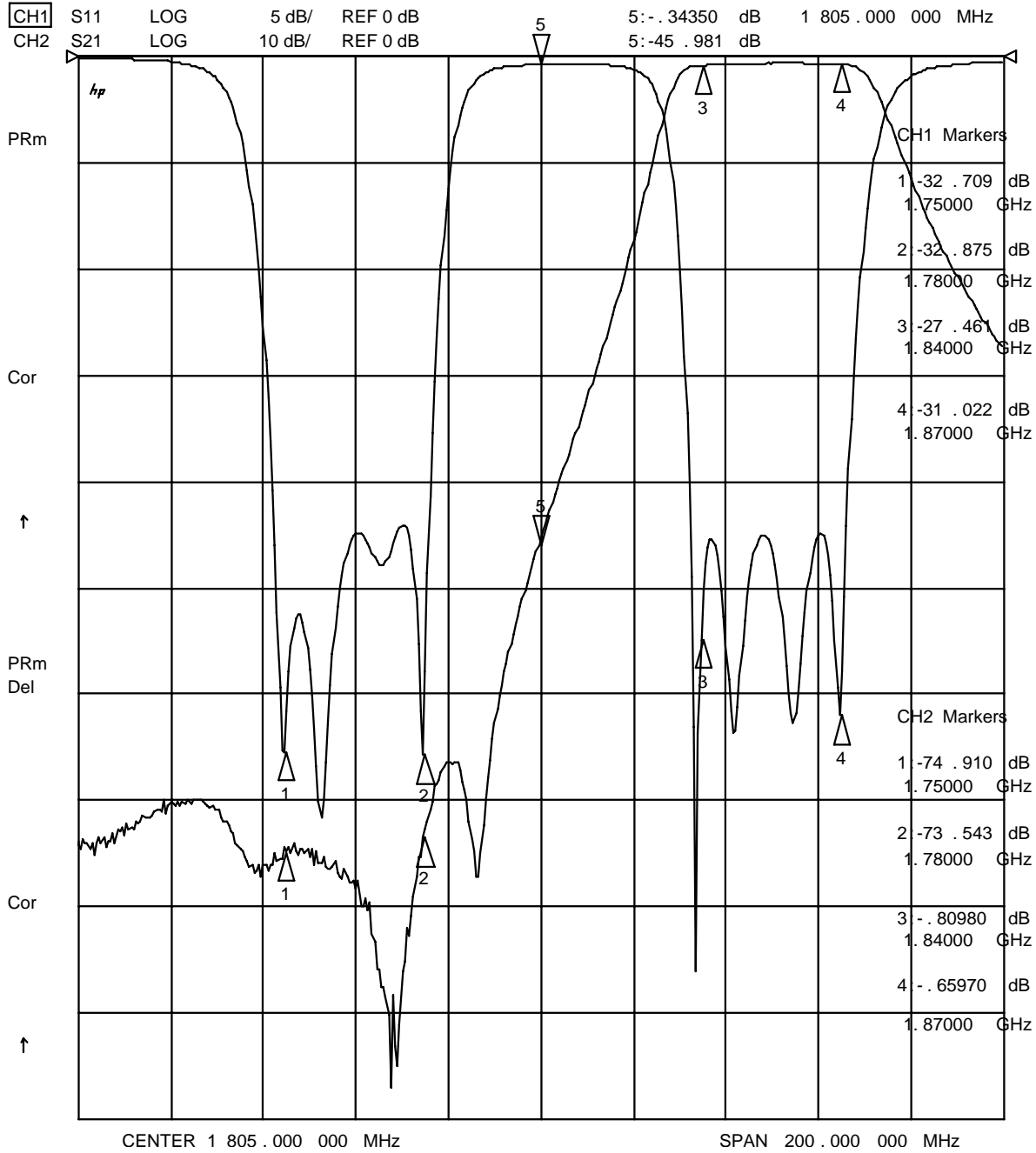
## 1. ELECTRICAL SPECIFICATION

ITEM	Lower-Band	Higher-Band	REVISION
1> Center Frequency	1765 MHz	1855 MHz	
2> Band-width	30(1750~1780) MHz	30(1840~1870)MHz	
3> I.L at BW	1.0dB max.	1.0dB max.	
4> Ripple at BW	0.5 dB max.	0.5 dB max.	
5> Return Loss at BW	20.0 dB min.	20.0 dB min.	
6> In/Out Impedance	50 Ohm	50 Ohm	
7> Input Power	10.0 Watt max.	10.0 Watt max.	
8> Operating Temperature	-20℃ ~ +60℃		
9> Attenuation ■ Absolute Value	65.0dB min. at Higher- Band	65.0dB min. at Lower- Band	

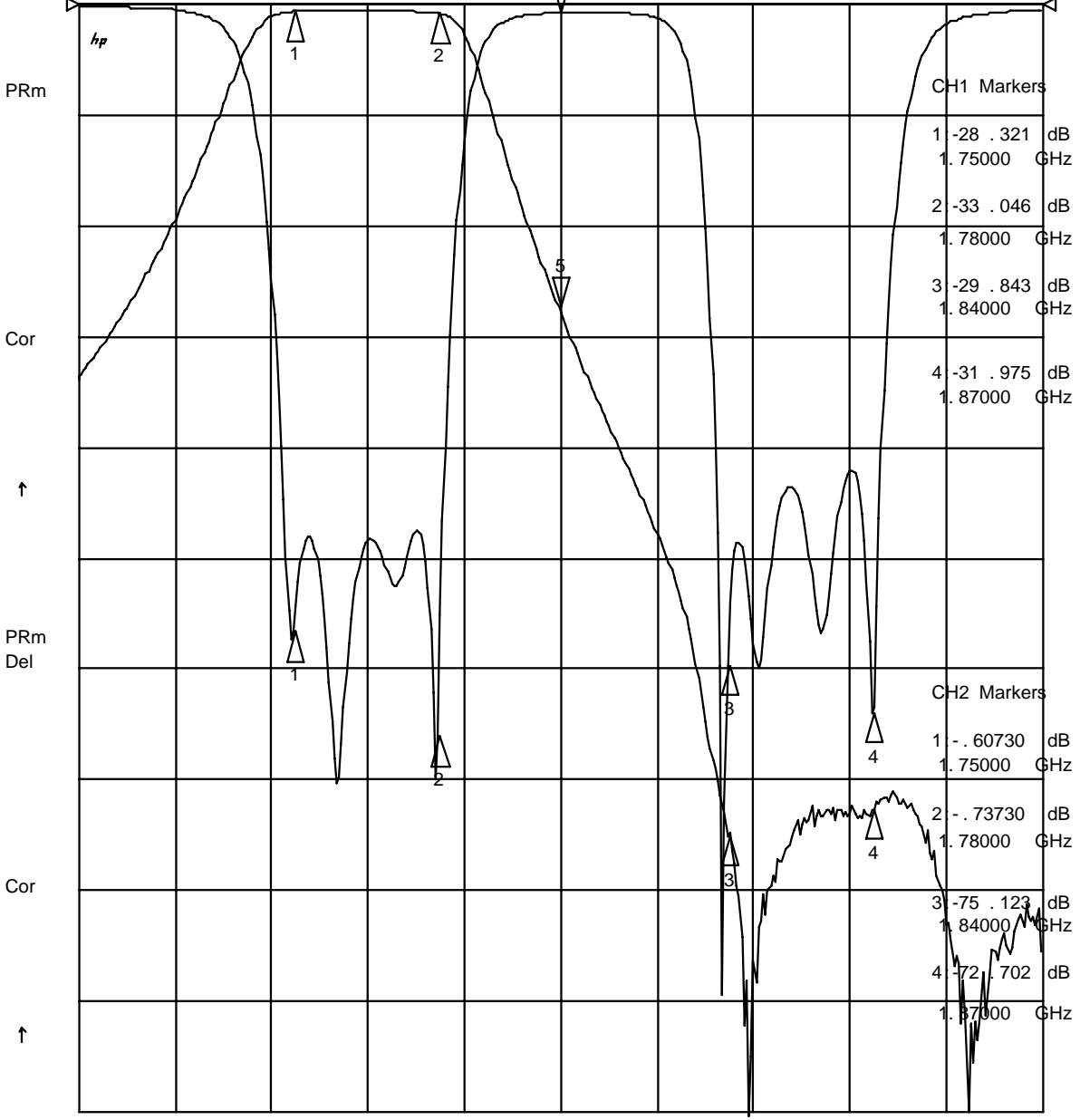
## 2. MECHANICAL DIMENSIONS



### 3. Data Sheet



CH1 S11 LOG 5 dB/ REF 0 dB 5:-.34420 dB 1 805.000 000 MHz  
 CH2 S21 LOG 10 dB/ REF 0 dB 5:-27.325 dB



CENTER 1 805.000 000 MHz

SPAN 200.000 000 MHz