



## Cavity Filter Specifications

Unit Name	Cavity Filter
Part Name	CADPX12MR3430/3530S60AY
Date	June 30, 2003


Written by	Checked by	Approved by



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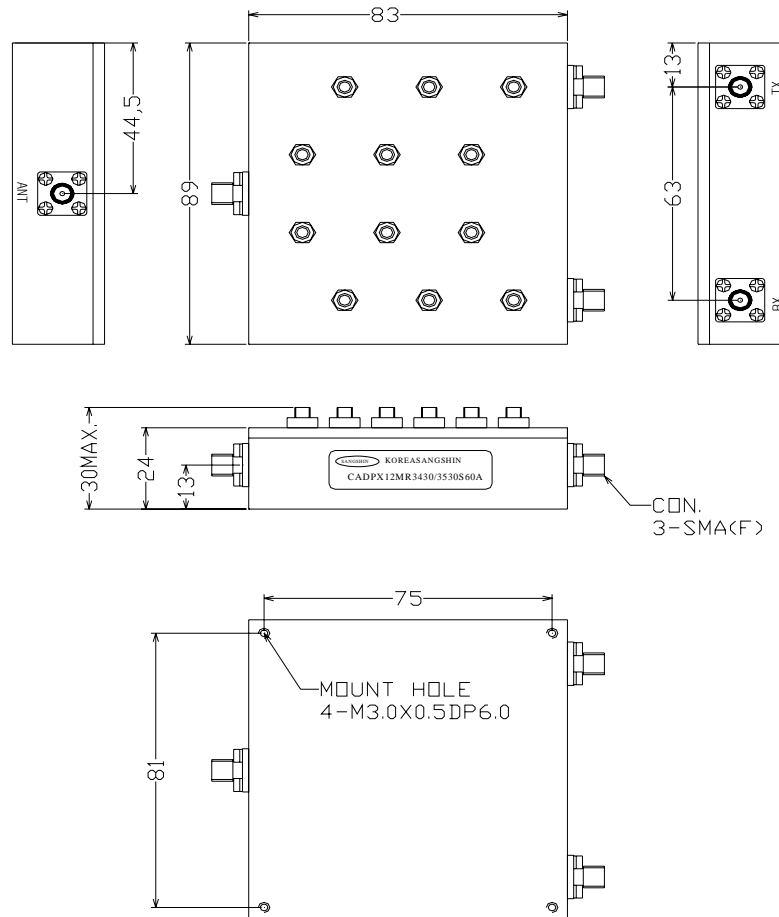
CUSTOMER :  
 PART NO. : CADPX12MR3430/3530S60AY  
 DATE : 2003/06/30

WRITTEN BY	CHECKED BY	APPROVAL
		

### 1. ELECTRICAL SPECIFICATION

ITEM	RX	TX	REVISION
1> Center Frequency	3430 MHz	3530 MHz	
2> Band-width	60 (3400~3460)MHz	60 (3500~3560) MHz	
3> I.L at BW (max.)	1.0 dB	1.0 dB	
4> Ripple at BW (max.)	0.5 dB	0.5 dB	
5> Return Loss at BW (min.)	15 dB	15 dB	
6> In/Out Impedance	50 Ohm	50 Ohm	
7> Input Power (max.)	1 W	1 W	
8> Attenuation ■ Absolute Value	50dB Min @ 3500MHz 70dB Min @ 3200~3300MHz 70dB Min @ 3560~3800MHz	50dB Min @ 3460MHz 70dB Min @ 3300~3400MHz 70dB Min @ 3660~3900MHz	
10> Temp. Range	-40 °C ~ +85 °C		

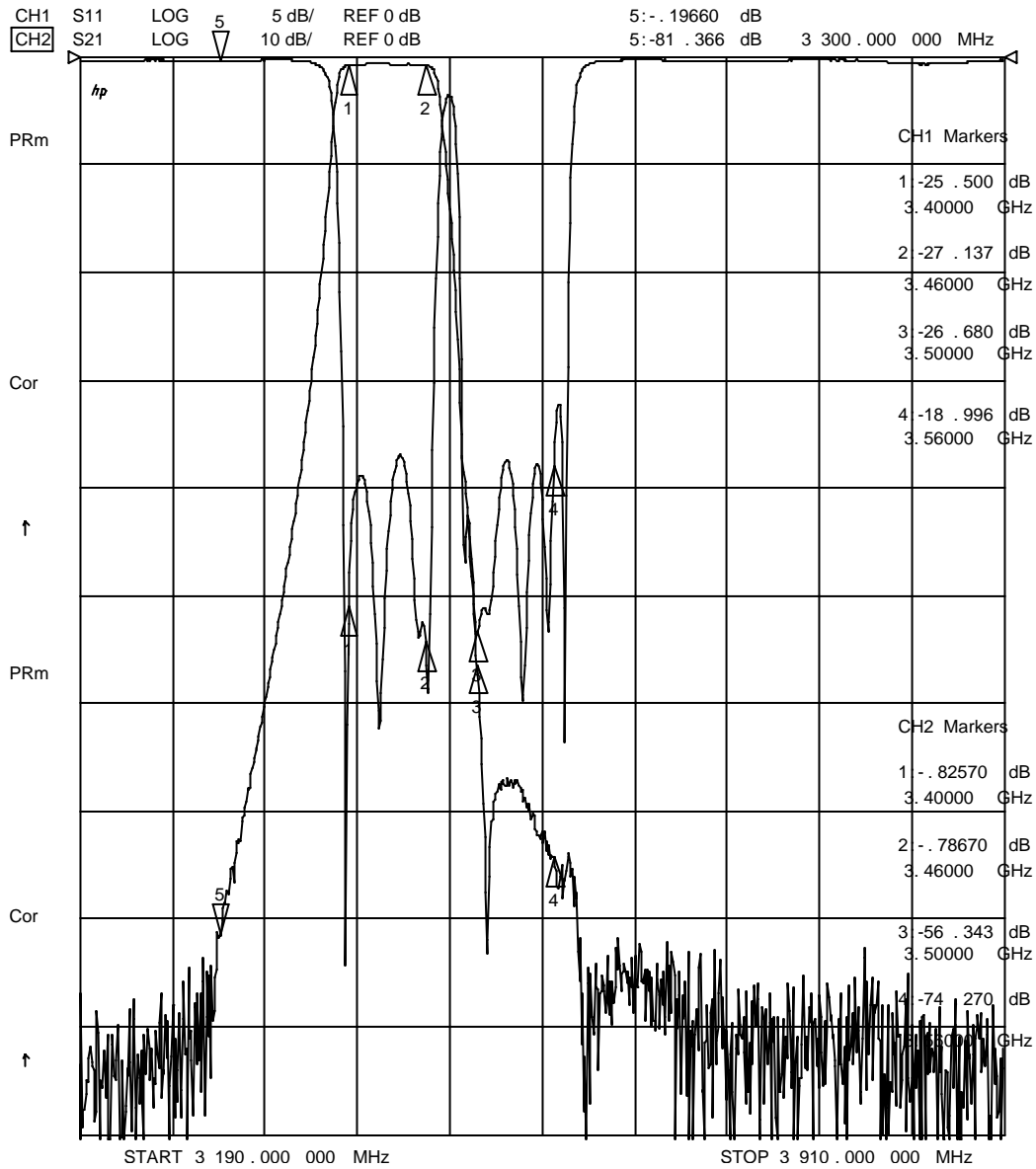
### 2. MECHANICAL DIMENSIONS



### 3.Data Sheet

#### 1)Rx I.L & Return Loss & Att.

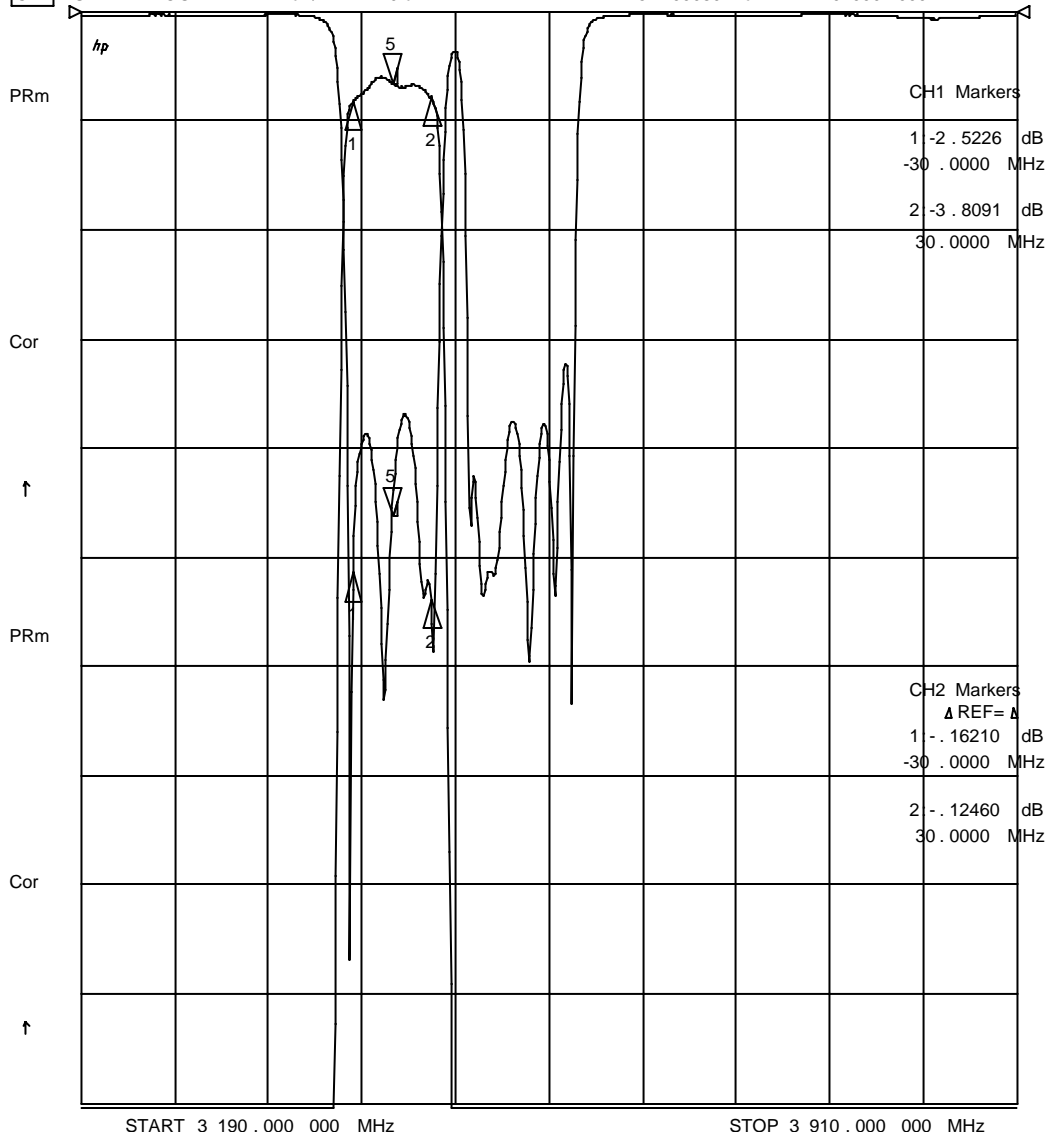
30 Jun 2003 11:44:16



## 2) Rx Ripple

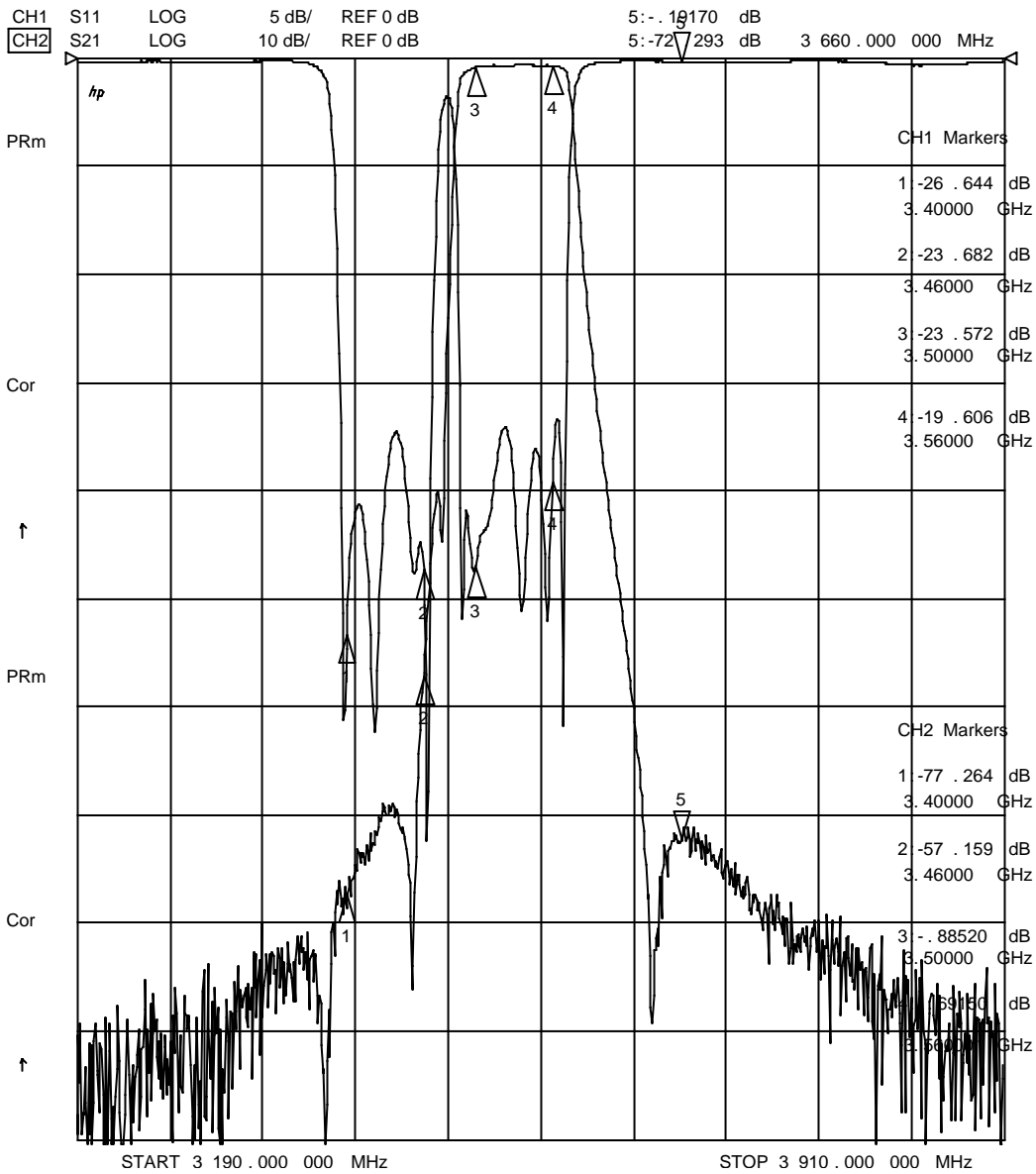
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CH1 S11 LOG 5 dB/ REF 0 dB 5: .00810 dB  
 CH2 S21 LOG 1 dB/ REF 0 dB 5: .00080 dB 0.000 000 MHz



### 3)Tx I.L & Return Loss & Att.

30 Jun 2003 11:45:52



# 4) Tx Ripple

30 Jun 2003 11:46:14

