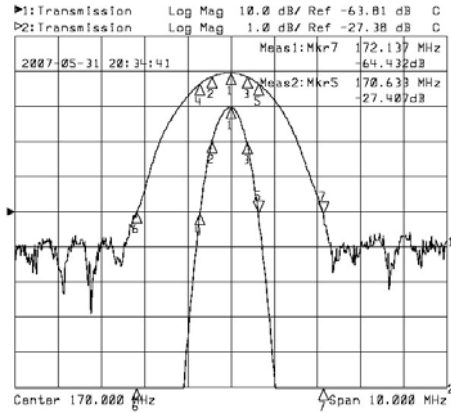


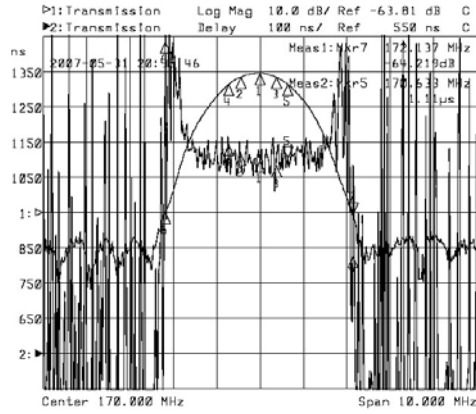
# 170MHz Standard Filter

## Part Number 170010

### Typical Performance



Horizontal: 1MHz/Div  
Vertical: 1dB/Div&10dB/Div

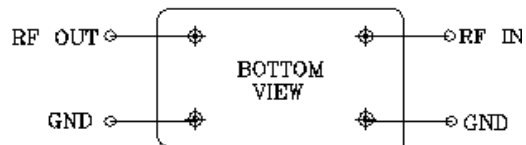
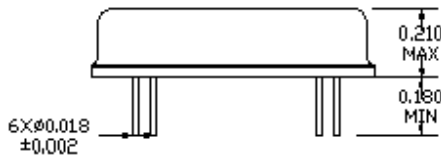


Horizontal: 1MHz/Div  
Vertical: 100ns/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	169.92	170.00	170.08
Insertion Loss at F <sub>0</sub>	dB		24.50	25.00
1dB Bandwidth	MHz	0.75	0.80	
3dB Bandwidth	MHz	1.30	1.35	
40dB Bandwidth	MHz		4.30	4.40
Passband Variation	dB		0.2	0.3
Group Delay Variation	nsec		100	150
Absolute Delay	usec		1.10	
Ultimate Rejection	dB	45	47	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

### Package XI-6



No Matching Required  
 Source/Load Impedance=50ohm  
 Package Style XI