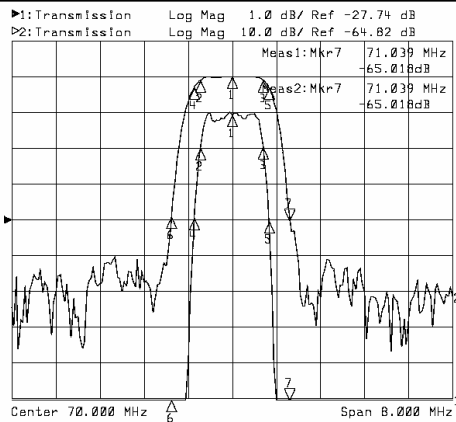


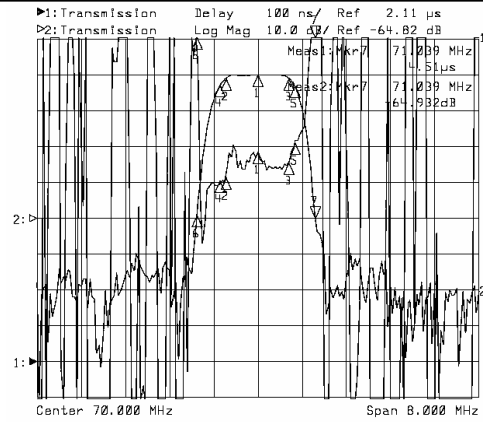
# 70 MHz Standard Filter

## Part Number 070013

### Typical Performance



Horizontal: 0.6MHz/Div  
Vertical: 10dB/Div

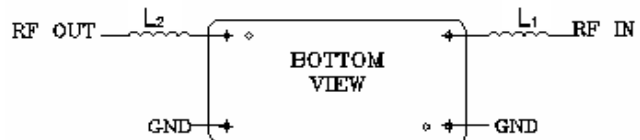
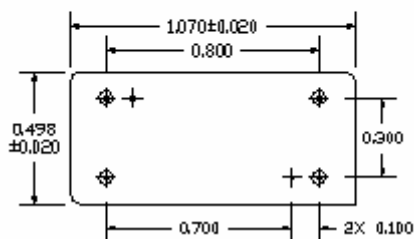
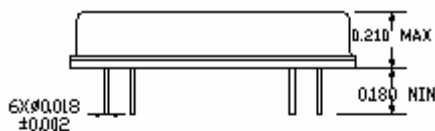


Horizontal: 1MHz/Div  
Vertical: 50nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.94	70.0	70.06
Insertion Loss at F <sub>0</sub>	dB		25.0	26.0
1 dB Bandwidth	MHz	1.0	1.13	
3 dB Bandwidth	MHz	1.2	1.35	
40dB Bandwidth	MHz		2.13	2.3
Passband Variation	dB		0.4	0.6
Phase Linearity	Deg			
Group Delay Variation	nsec		100	150
Absolute Delay	usec		2.7	
Ultimate Rejection	dB	48	50	
Substrate Material	-		Quartz	
Ambient Temperature	°C		25	

### Package



L<sub>1</sub>: 270nH

L<sub>2</sub>: 270nH

Source/Load Impedance=50ohm  
Package Style XO