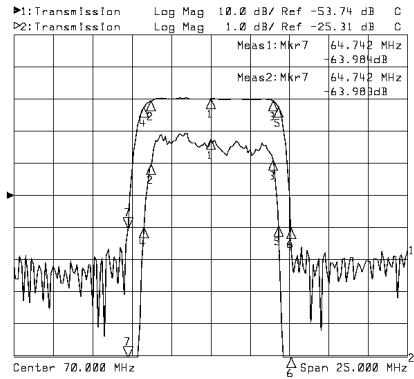


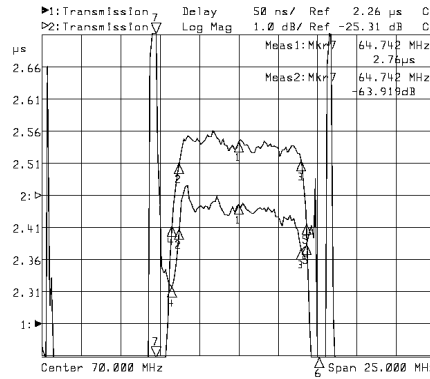
# 70MHz Standard Filter

## Part Number 070087

### Typical Performance



Horizontal: 2.5MHz/Div  
Vertical: 1dB/Div & 10dB/Div

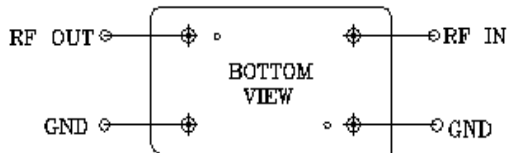
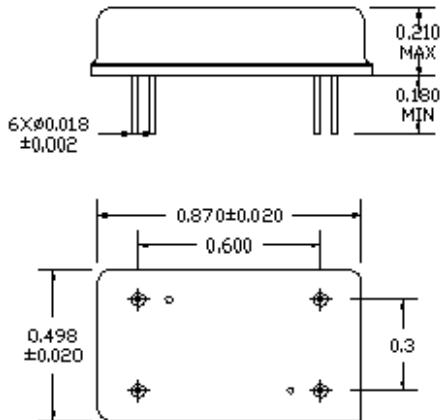


Horizontal: 2.5MHz/Div  
Vertical: 150nsec/Div & 10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.85	70.00	70.15
Insertion Loss at F0	dB		24.00	25.00
1 dB Bandwidth	MHz	7.24	7.74	
3 dB Bandwidth	MHz	8.10	8.55	
40dB Bandwidth	MHz		10.34	11.00
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		50	80
Absolute Delay	usec		2.41	2.45
Ultimate Rejection	dB	48	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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