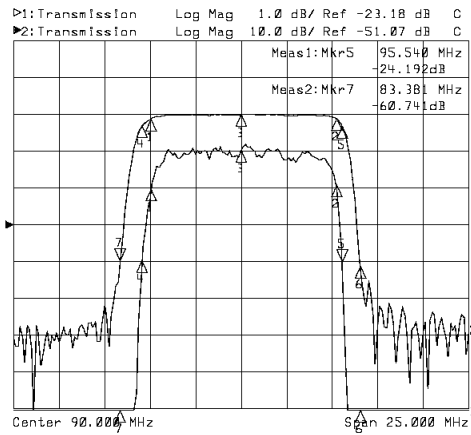


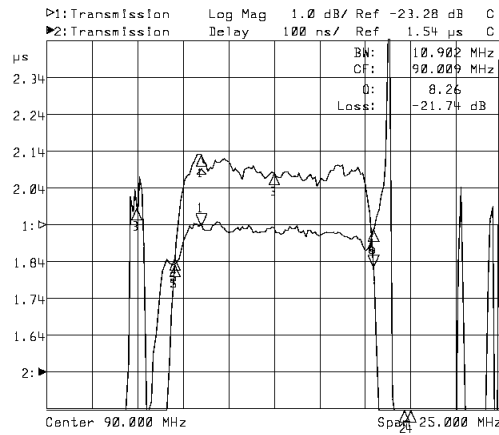
# 90MHz Standard Filter

## Part Number 090107

### Typical Performance



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

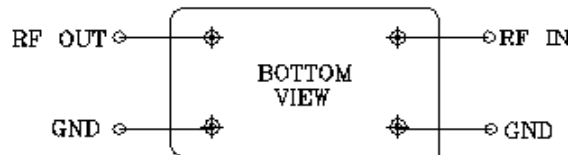
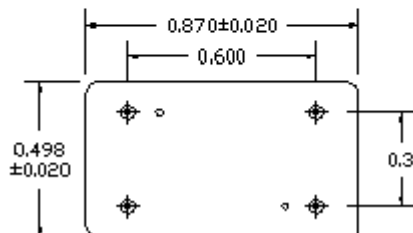
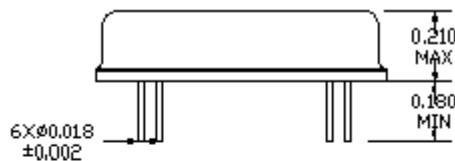


Horizontal: 2.5MHz/Div  
Vertical: 100nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	89.90	90.00	90.10
Insertion Loss at F0	dB		21.20	22.10
1 dB Bandwidth	MHz	9.94	10.14	
3 dB Bandwidth	MHz	10.50	11.00	
40dB Bandwidth	MHz		13.20	13.70
Passband Variation	dB		0.40	0.60
Group Delay Variation	nsec		40	60
Absolute Delay	usec		1.92	1.94
Ultimate Rejection	dB	47	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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