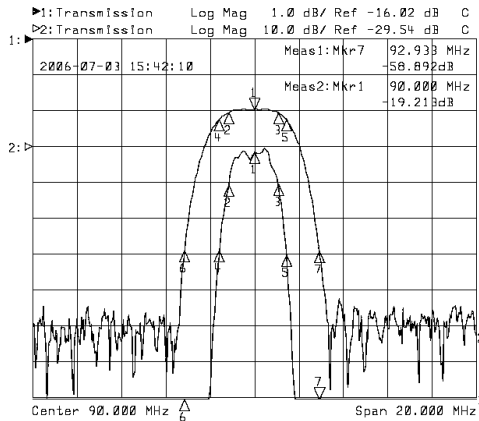


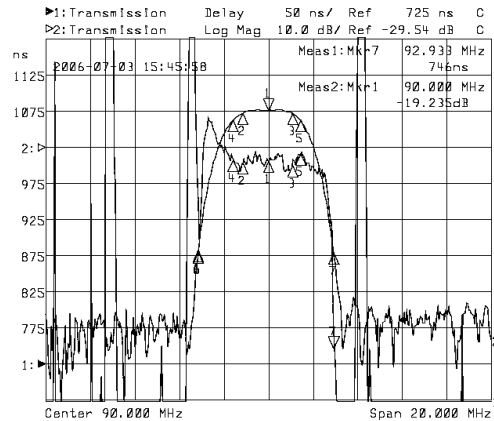
# 90MHz Standard Filter

Part Number 090030

## Typical Performance



Horizontal: 2MHz/Div  
Vertical: 1dB/Div&10dB/Div

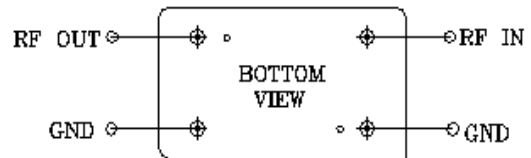
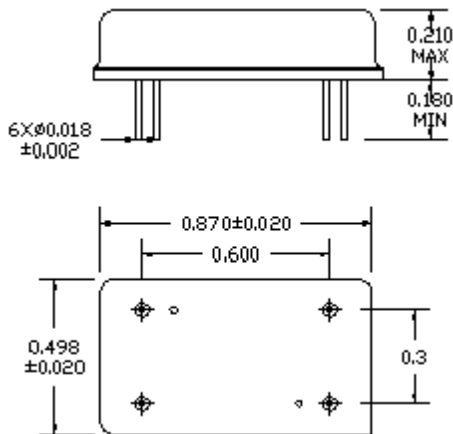


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div&10dB/Div

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	89.90	90.00	90.10
Insertion Loss at F <sub>0</sub>	dB		19.48	19.87
1 dB Bandwidth	MHz	2.34	2.51	
3 dB Bandwidth	MHz	3.10	3.22	
40dB Bandwidth	MHz		6.02	6.12
Passband Variation	dB		0.40	0.50
Group Delay Variation	nsec		30	50
Absolute Delay	usec		1.01	
Ultimate Rejection	dB	52	55	
Substrate Material	-		LiTaO <sub>3</sub>	
Ambient Temperature	°C	-40	25	80

## Package



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