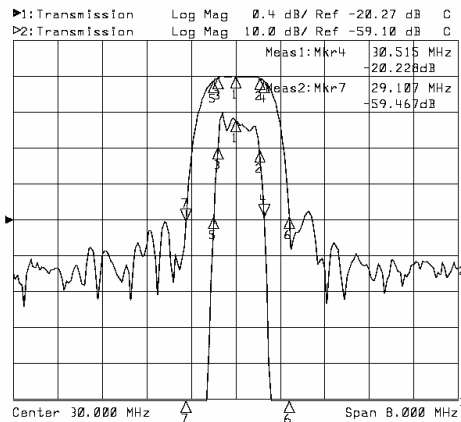


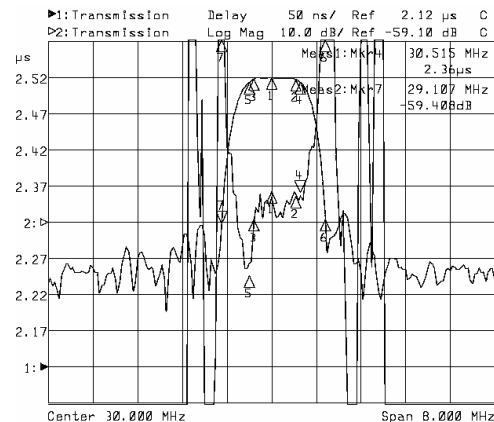
# 30 MHz Standard Filter

## Part Number 030010

### Typical Performance



Horizontal: 0.8MHz/Div  
Vertical: 10dB/Div



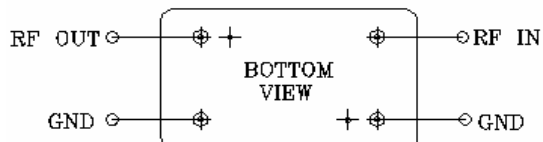
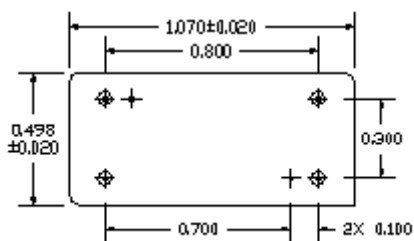
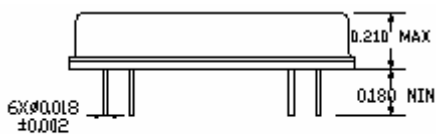
Horizontal: 0.8MHz/Div  
Vertical: 50ns/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	29.9	30	30.1
Insertion Loss at F <sub>0</sub>	dB		20.0	
1 dB Bandwidth	MHz		0.79	
3 dB Bandwidth	MHz		1.05	
40dB Bandwidth	MHz		1.92	
Passband Variation	dB		0.30	
Group Delay Variation	nsec		100	
Absolute Delay	usec		2.33	
Ultimate Rejection	dB	40	45	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C		25	

**Package**

**XO**



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