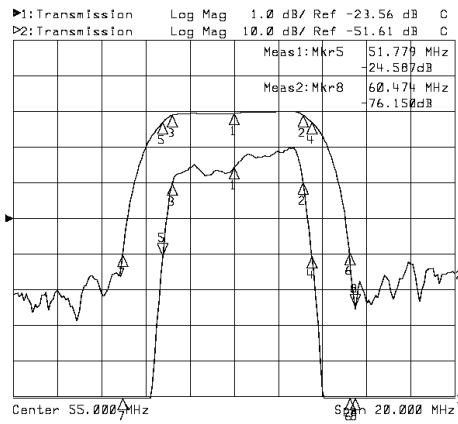


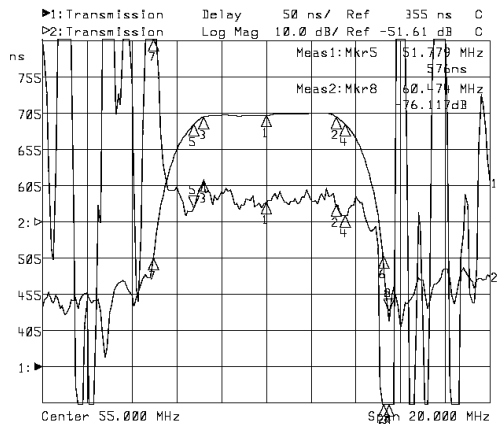
# 55MHz Standard Filter

## Part Number 055067

### Typical Performance



Horizontal: 5MHz/Div  
Vertical: 1dB/Div&10dB/Div

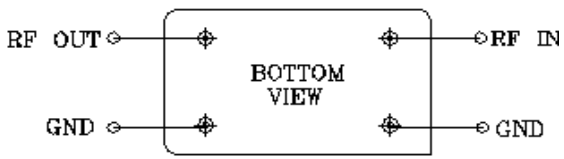
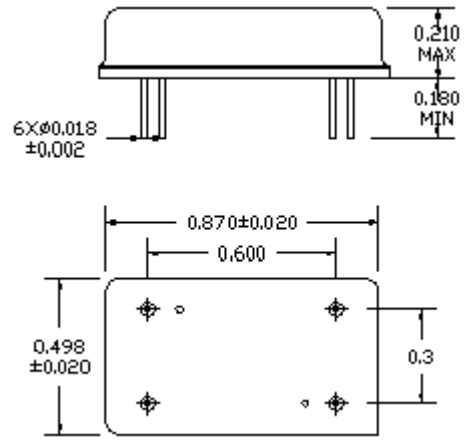


Horizontal: 5MHz/Div  
Vertical: 50nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	54.80	55.00	55.20
Insertion Loss at F <sub>0</sub>	dB		22.00	22.80
1 dB Bandwidth	MHz	5.62	5.95	
3 dB Bandwidth	MHz	6.52	6.75	
40dB Bandwidth	MHz		10.25	10.75
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		50	70
Absolute Delay	usec		1.32	1.38
Ultimate Rejection	dB	40	42	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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