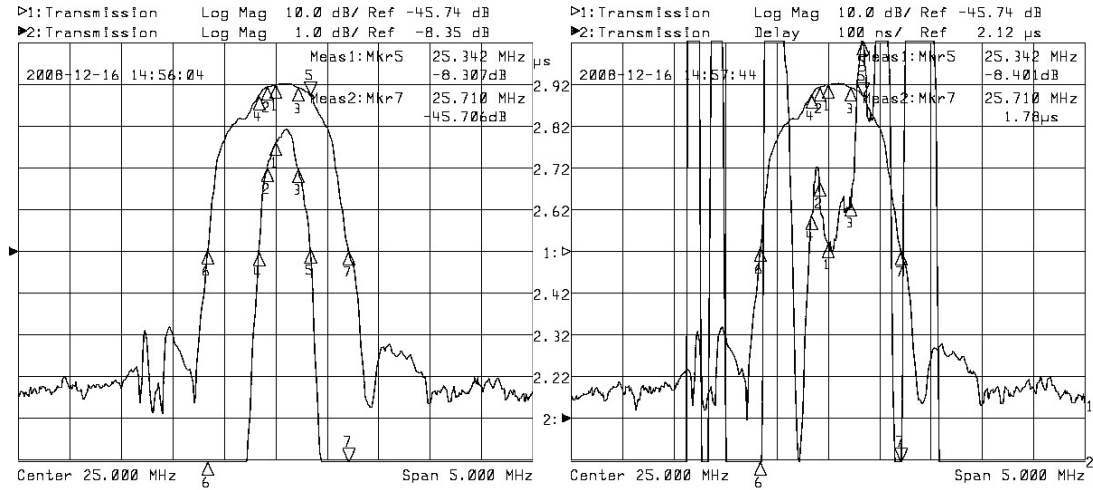


# 25MHz Low-loss Filter Part Number 025006L

## Typical Performance



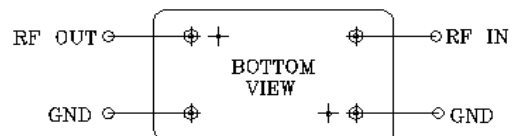
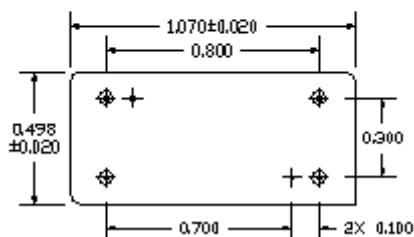
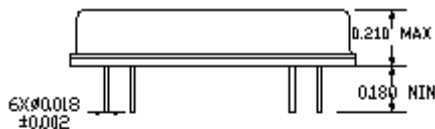
Horizontal: 0.5MHz/Div  
Vertical: 1dB/Div&10dB/Div

Horizontal: 0.5MHz/Div  
Vertical: 100nsec/Div&10dB/Div

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	24.95	25.00	25.05
Insertion Loss at $F_0$	dB		5.50	6.50
1 dB Bandwidth	MHz	0.25	0.35	
3 dB Bandwidth	MHz	0.45	0.55	
40dB Bandwidth	MHz		1.35	1.40
Passband Variation	dB		0.50	0.60
Group Delay Variation	nsec		200	
Absolute Delay	usec		2.54	
Ultimate Rejection	dB	58	60	
Substrate Material	-		128LiNbO3	
Ambient Temperature	$^{\circ}$ C	-40	25	85

## Package X0



No Matching Required  
Source/Load Impedance=50ohm  
Package Style X0