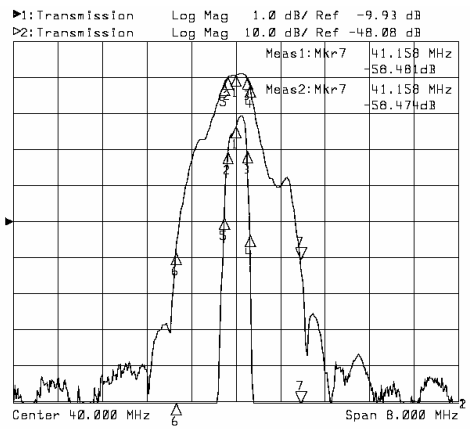


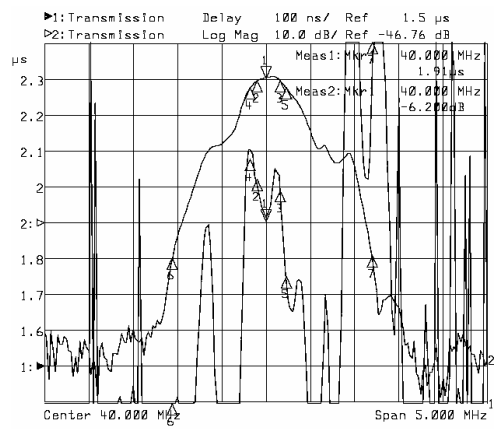
# 40 MHz Low-loss Filter

## Part Number 040005L

### Typical Performance



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

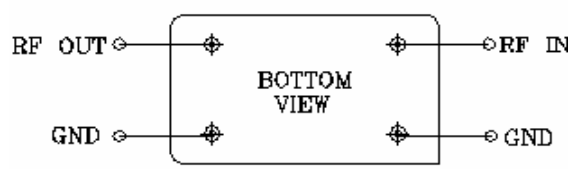
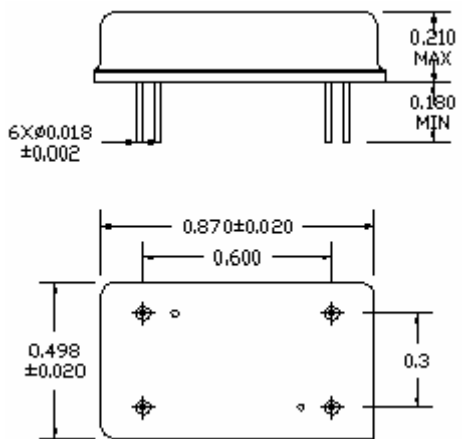


Horizontal: 0.5MHz/Div  
Vertical: 100nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	39.95	40	40.05
Insertion Loss at F <sub>0</sub>	dB		7.5	8.0
1 dB Bandwidth	MHz	0.30	0.34	
3 dB Bandwidth	MHz	0.45	0.50	
50dB Bandwidth	MHz		2.25	2.35
Passband Variation	dB		0.5	0.6
Group Delay Variation	nsec		150	180
Absolute Delay	usec		2.0	
Ultimate Rejection	dB	70	80	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	85

### Package XI



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