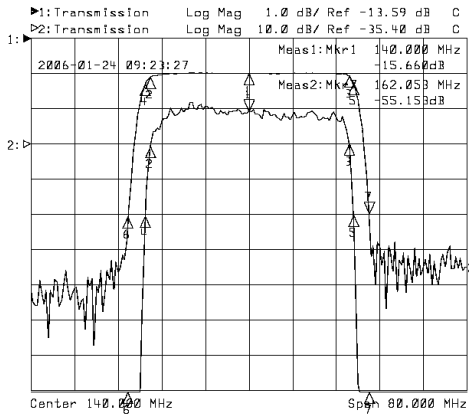


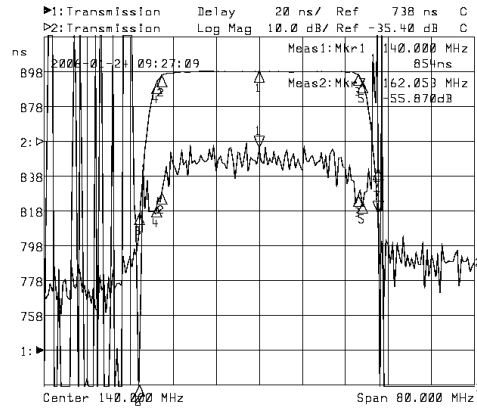
# 140MHz Low-loss Filter

## Part Number 140380L

### Typical Performance



Horizontal: 8.0MHz/Div  
Vertical: 10dB/Div&1dB/Div

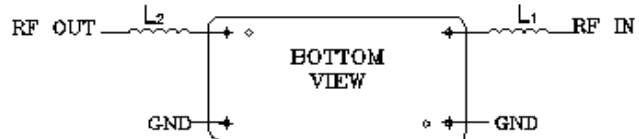
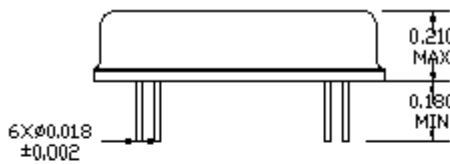


Horizontal: 8.0MHz/Div  
Vertical: 10dB/Div&20nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.75	140.00	140.25
Insertion Loss at F0	dB		16.50	20.00
1 dB Bandwidth	MHz	36.20	36.44	
3 dB Bandwidth	MHz	38.00	38.14	
40dB Bandwidth	MHz		44.18	44.30
Passband Variation	dB		0.50	0.70
Group Delay Variation	nsec		30	40
Absolute Delay	usec		0.85	
Ultimate Rejection	dB	50	55	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	85

### Package



L1:100nH  
L2:100nH

Source/Load Impedance=50ohm  
Package style XI