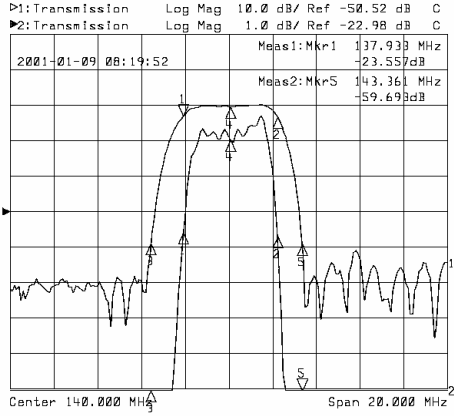


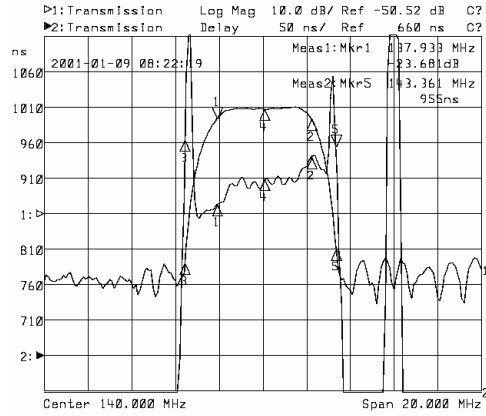
# 140 MHz Standard Filter

## Part Number 140040

### Typical Performance



Horizontal: 2MHz/Div  
Vertical: 10dB/Div

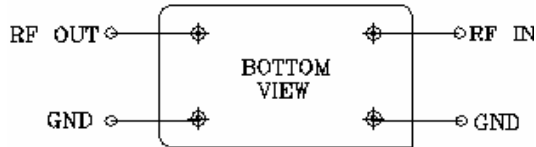
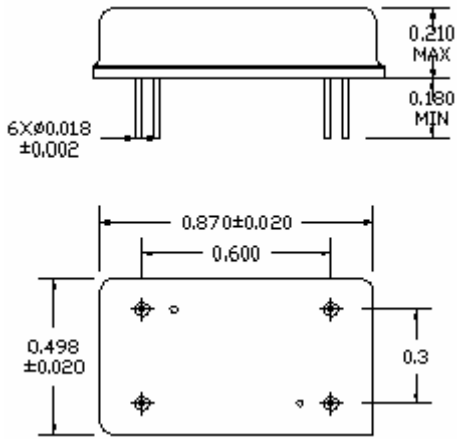


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140.0	140.1
Insertion Loss at F <sub>0</sub>	dB		21	
1 dB Bandwidth	MHz	3.6	3.70	
3 dB Bandwidth	MHz	4.2	4.29	
40dB Bandwidth	MHz		6.92	7.1
Passband Variation	dB		0.6	0.8
Phase Linearity	Deg			
Group Delay Variation	nsec		60	
Absolute Delay	usec		0.92	
Ultimate Rejection	dB	40	45	
Substrate Material	-		LiTaO <sub>3</sub>	
Ambient Temperature	°C		25	

### Package XI



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