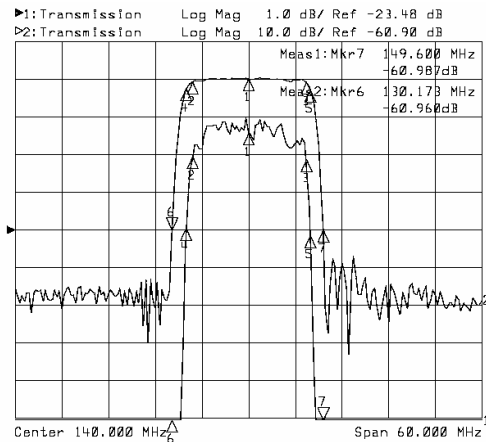


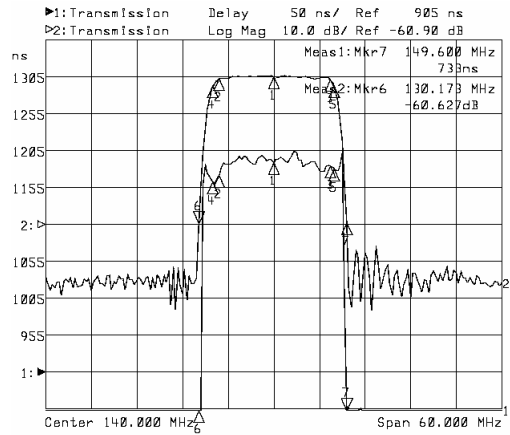
# 140 MHz Standard Filter

## Part Number 140160

### Typical Performance



Horizontal: 6MHz/Div  
Vertical: 10dB/Div

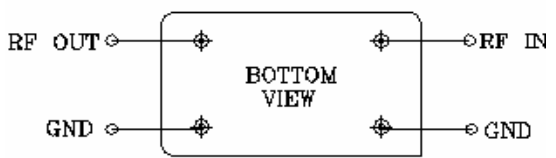
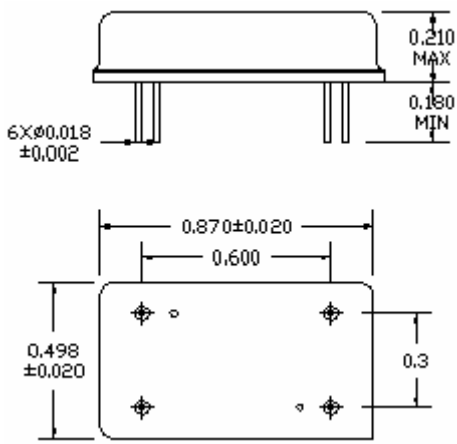


Horizontal: 6MHz/Div  
Vertical: 50ns/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140.0	140.1
Insertion Loss at F <sub>0</sub>	dB		23.0	24.0
1 dB Bandwidth	MHz	14.0	14.5	
3 dB Bandwidth	MHz	15.7	16.0	
40dB Bandwidth	MHz		19.4	20.0
Passband Variation	dB		0.5	0.8
Phase Linearity	Deg			
Group Delay Variation	nsec		40	60
Absolute Delay	usec		1.15	
Ultimate Rejection	dB	50	52	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C		25	

### Package XI



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