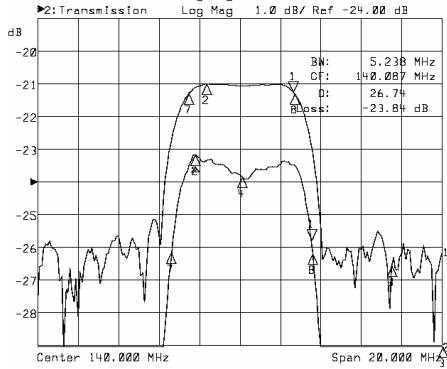


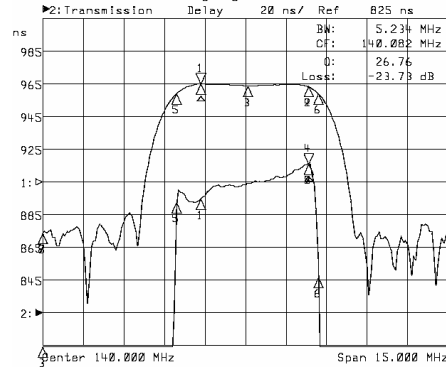
# 140 MHz Standard Filter

## Part Number 140050

### Typical Performance



Horizontal: 1.5MHz/Div  
Vertical: 10dB/Div

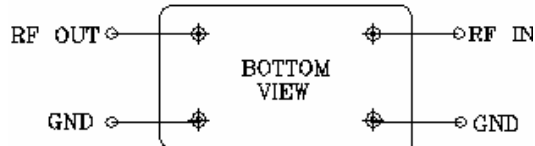
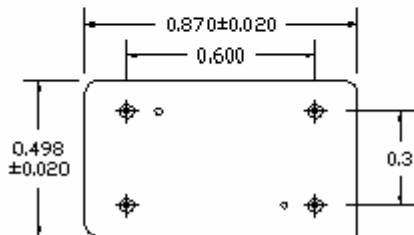
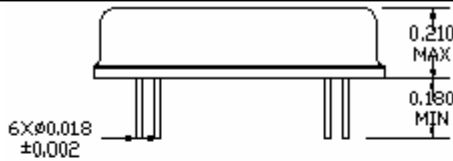


Horizontal: 1.5MHz/Div  
Vertical: 20nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140.0	140.1
Insertion Loss at F <sub>0</sub>	dB		23	
1 dB Bandwidth	MHz		4.70	
3 dB Bandwidth	MHz		5.23	
40dB Bandwidth	MHz		7.93	
Passband Variation	dB		0.8	
Phase Linearity	Deg			
Group Delay Variation	nsec		50	
Absolute Delay	usec			
Ultimate Rejection	dB		45	
Substrate Material	-		LiTaO <sub>3</sub>	
Ambient Temperature	°C		25	

### Package XI



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