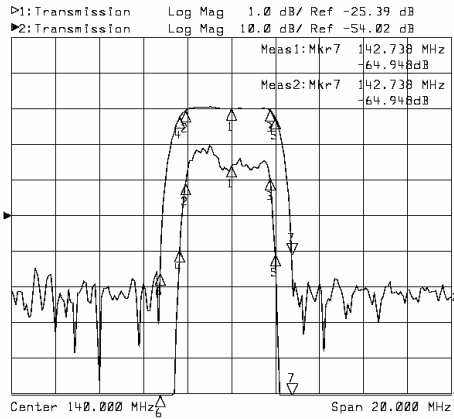


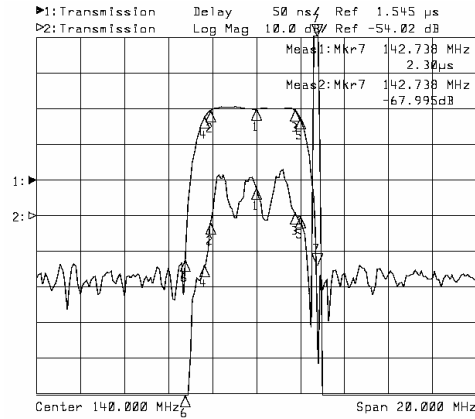
# 140 MHz Standard Filter

## Part Number 140040A

### Typical Performance



Horizontal: 2.0MHz/Div  
Vertical: 10dB/Div



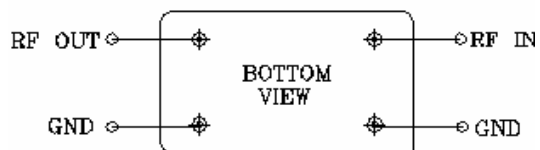
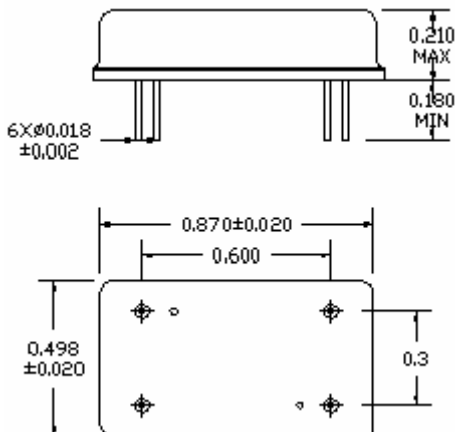
Horizontal: 2.0MHz/Div  
Vertical: 50nsec/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.85	140.0	140.15
Insertion Loss at F <sub>0</sub>	dB		24	
1 dB Bandwidth	MHz	3.70	3.83	
3 dB Bandwidth	MHz	4.20	4.33	
40dB Bandwidth	MHz		5.95	6.10
Passband Variation	dB		0.7	0.8
Phase Linearity	Deg			
Group Delay Variation	nsec		120	
Absolute Delay	usec		1.55	
Ultimate Rejection	dB	48	50	
Substrate Material	-		LiTaO <sub>3</sub>	
Ambient Temperature	°C		25	

**Package**

**XI**



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