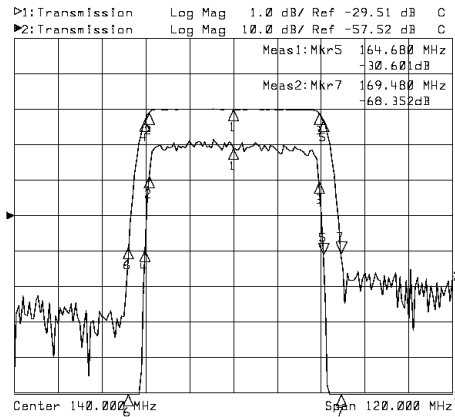


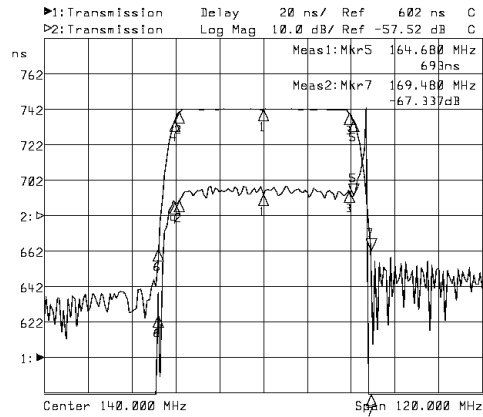
# 140MHz Standard Filter

## Part Number 140480

### Typical Performance



Horizontal: 12MHz/Div  
Vertical: 1dB/Div&10dB/Div

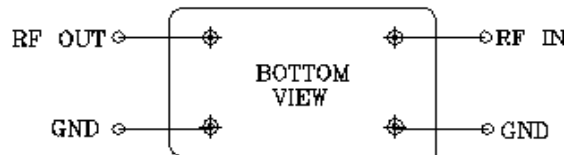
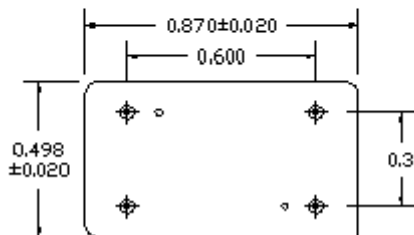
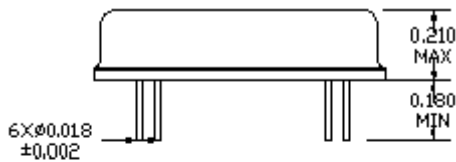


Horizontal: 12MHz/Div  
Vertical: 20nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss at F0	dB		30.00	32.00
1 dB Bandwidth	MHz	45.18	46.48	
3 dB Bandwidth	MHz	49.70	48.80	
40dB Bandwidth	MHz		58.12	59.30
Passband Variation	dB		0.30	0.50
Group Delay Variation	nsec		15	18
Absolute Delay	usec		0.71	0.72
Ultimate Rejection	dB	45	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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