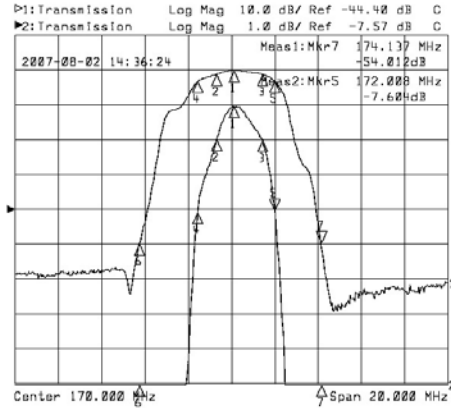


# 170MHz Standard Filter

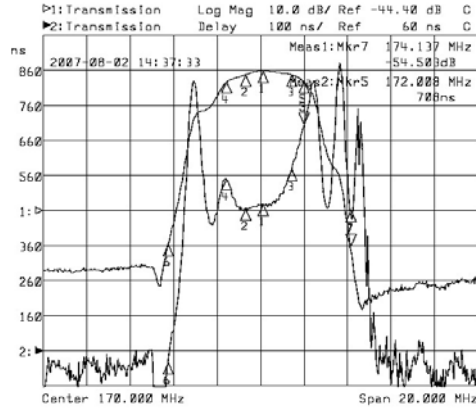
## Part Number 170036

### Typical Performance



Horizontal: 2.0MHz/Div

Vertical: 1dB/Div&10dB/Div



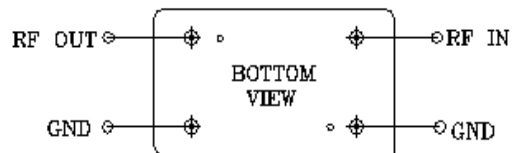
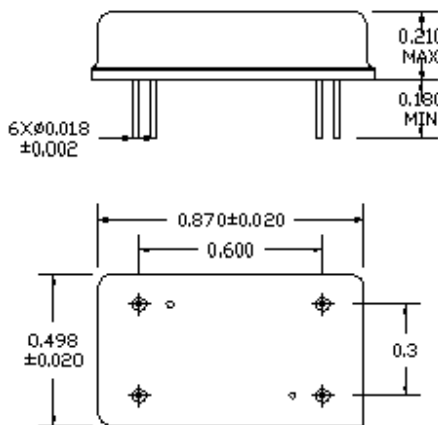
Horizontal: 2.0MHz/Div

Vertical: 100nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	169.90	170.00	170.10
Insertion Loss at F <sub>0</sub>	dB		4.60	5.00
1 dB Bandwidth	MHz	2.10	2.20	
3 dB Bandwidth	MHz	3.50	3.60	
60dB Bandwidth	MHz		9.00	9.10
Passband Variation	dB		0.10	0.30
Group Delay Variation	nsec		300	
Absolute Delay	usec		0.48	
Ultimate Rejection	dB	55	58	
Substrate Material	-		128-LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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