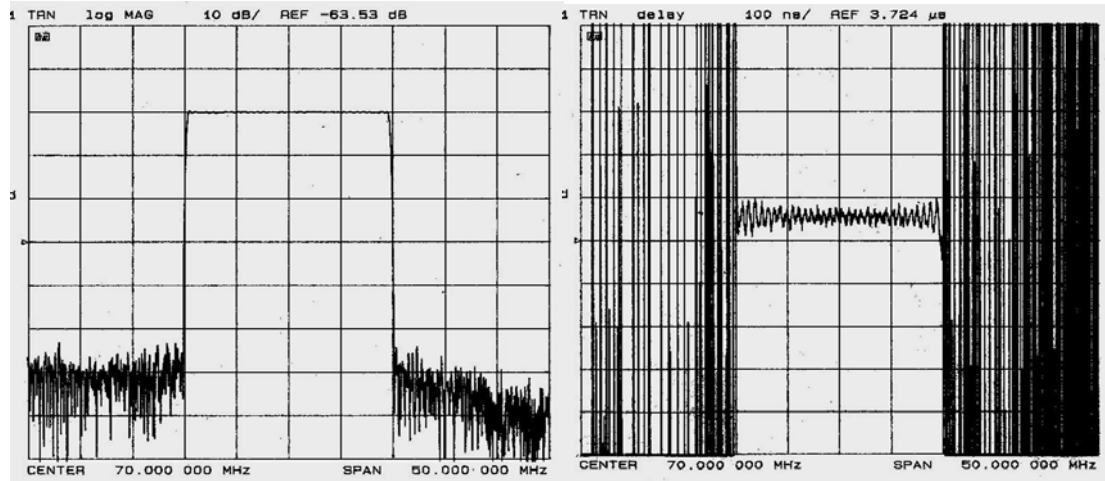


# 70MHz Standard Filter

## Part Number 070190A

### Typical Performance

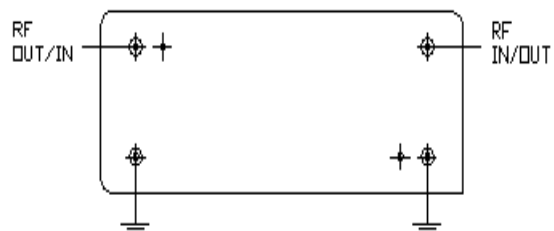
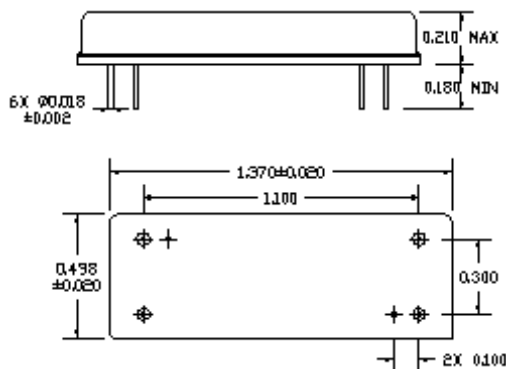


Horizontal: 5MHz/Div  
Vertical: 10dB/Div

Horizontal: 5MHz/Div  
Vertical: 100ns/Div

Specifications				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss at $F_0$	dB	-	33.30	35.00
1.5 dB Bandwidth	MHz	19.20	19.30	
3 dB Bandwidth	MHz		19.40	
40dB Bandwidth	MHz	-	20.10	20.15
50dB Bandwidth			20.20	20.30
Passband Variation	dB		0.5	1.5
Phase Linearity	degree		5	7
Absolute Delay	usec		3.78	
Ultimate Rejection	dB	50	55	
Substrate Material	-		YZLiNbO3	
Ambient Temperature	$^{\circ}$ C	-40	25	80

### Package XW



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