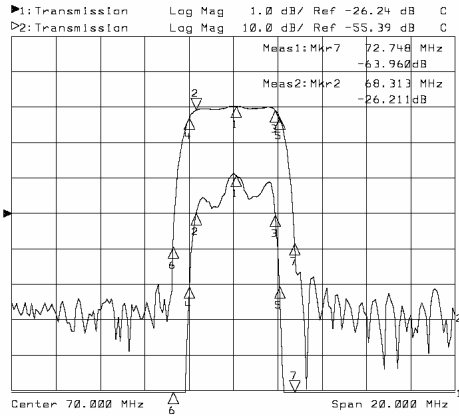
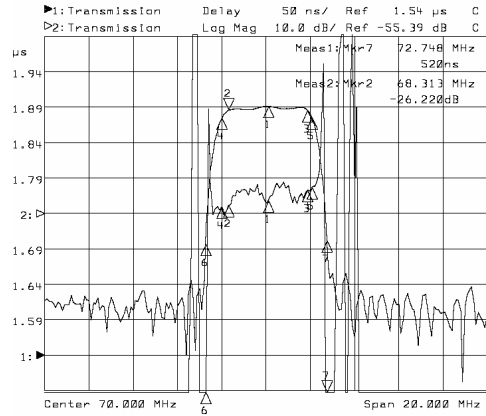


70 MHz Standard Filter
Part Number 070042V

Typical Performance



Horizontal: 2MHz/Div
 Vertical: 10dB/Div

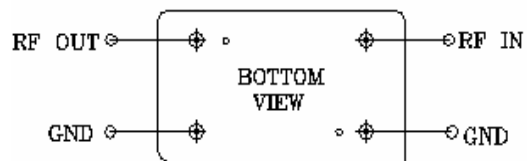
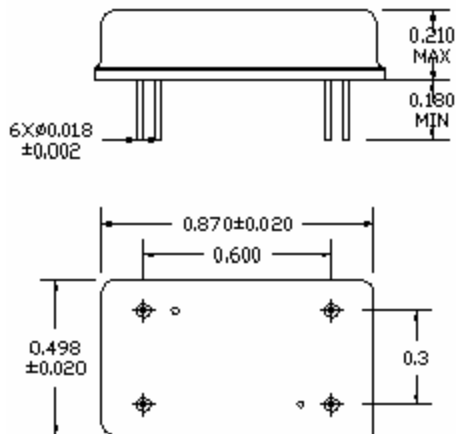


Horizontal: 2MHz/Div
 Vertical: 50nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.9	70.0	70.1
Insertion Loss at F ₀	dB	24.0	25.0	26.0
1 dB Bandwidth	MHz	3.4	3.5	
3 dB Bandwidth	MHz	4.0	4.1	
40dB Bandwidth	MHz		5.5	5.7
Passband Variation	dB		0.7	0.9
Phase Linearity	Deg		6	
Group Delay Variation	nsec		50	70
Absolute Delay	usec		1.8	
Ultimate Rejection	dB	48	50	
Substrate Material	-		LiTao3	
Ambient Temperature	°C		25	

Package XI



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